



NTC thermistors for temperature measurement

Glass-encapsulated sensors,
standard type

Series/Type: **B57550**
Date: **March 2006**

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Applications

- Automotive electronics
- Industrial electronics
- Home appliances

Features

- Glass-encapsulated, heat-resistive and highly stable
- For temperature measurement up to 300 °C
- Fast response
- Small dimensions
- Leads: dumet wires (copper-clad FeNi)

Options

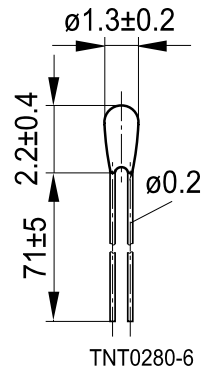
Leads: nickel-plated dumet wires.
Alternative dimensions available on request.

Delivery mode

Bulk

General technical data

| | | | | |
|-------------------------------|---------------|------------------|------------------------------|------|
| Climatic category | (IEC 60068-1) | | 55/300/56 | |
| Max. power | (at 25 °C) | P_{25} | 32 | mW |
| Resistance tolerance | | $\Delta R_R/R_R$ | $\pm 1, \pm 2, \pm 3, \pm 5$ | % |
| Rated temperature | | T_R | 25 | °C |
| Dissipation factor | (in air) | δ_{th} | approx. 0.75 | mW/K |
| Thermal cooling time constant | (in air) | τ_c | approx. 7 | s |
| Heat capacity | | C_{th} | approx. 5 | mJ/K |

Dimensional drawing


Dimensions in mm

Electrical specification and ordering codes

| R ₂₅ Ω | No. of R/T characteristic | B _{25/85} K | B _{0/100} K | B _{25/100} K | Ordering code |
|----------------------|------------------------------|-------------------------|-------------------------|--------------------------|-----------------|
| 2 k | 8401 | 3420 | 3390 ±1% | 3436 | B57550G0202+00* |
| 5 k | 8402 | 3480 | 3450 ±1% | 3497 | B57550G0502+00* |
| 10 k | 8407 | 3480 | 3450 ±1% | 3497 | B57550G0103+00* |
| 20 k | 8415 | 3992 | 3970 ±1% | 4006 | B57550G0203+00* |
| 30 k | 8415 | 3992 | 3970 ±1% | 4006 | B57550G0303+00* |
| 50 k | 8403 | 3992 | 3970 ±1% | 4006 | B57550G0503+00* |
| 100 k | 8404 | 4066 | 4036 ±1% | 4085 | B57550G0104+00* |
| 230 k | 8405 | 4240 | 4537 ±1 ¹⁾ % | 4264 | B57550G0234+00* |
| 1400 k | 8406 | 4557 | 5133 ±2 ²⁾ % | 4581 | B57550G0145+00* |

+ = Resistance tolerance

F = ±1%

G = ±2%

H = ±3%

J = ±5%

* = Leads

0 = dumet wires

2 = nickel-plated wires

Reliability data

| Test | Standard | Test conditions | ΔR ₂₅ /R ₂₅ (typical) | Remarks |
|------------------------------------|----------------|--|--|-------------------|
| Storage in dry heat | IEC 60068-2-2 | Storage at upper category temperature T: 300 °C t: 1000 h | < 3% | No visible damage |
| Storage in damp heat, steady state | IEC 60068-2-67 | Temperature of air: 85 °C Relative humidity of air: 85% Duration: 56 days | < 2% | No visible damage |
| Rapid temperature cycling | IEC 60068-2-14 | Lower test temperature: -55 °C Upper test temperature: 200 °C Number of cycles: 1000 | < 2% | No visible damage |

1) B_{100/200}

2) B_{200/300}

R/T characteristics

| B57550G0202F000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8401 | | | | | |
| T (°C) | B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 96473 | 91360 | 101590 | 5.3 | 0.8 | 6.2 |
| -50.0 | 70975 | 67473 | 74477 | 4.9 | 0.8 | 6.0 |
| -45.0 | 52779 | 50359 | 55200 | 4.6 | 0.8 | 5.8 |
| -40.0 | 39650 | 37963 | 41336 | 4.3 | 0.8 | 5.6 |
| -35.0 | 30075 | 28891 | 31258 | 3.9 | 0.7 | 5.4 |
| -30.0 | 23023 | 22187 | 23859 | 3.6 | 0.7 | 5.3 |
| -25.0 | 17779 | 17185 | 18373 | 3.3 | 0.7 | 5.1 |
| -20.0 | 13844 | 13420 | 14267 | 3.1 | 0.6 | 4.9 |
| -15.0 | 10865 | 10561 | 11169 | 2.8 | 0.6 | 4.8 |
| -10.0 | 8592 | 8374 | 8810 | 2.5 | 0.5 | 4.6 |
| -5.0 | 6844 | 6687 | 7001 | 2.3 | 0.5 | 4.5 |
| 0.0 | 5489 | 5376 | 5602 | 2.1 | 0.5 | 4.3 |
| 5.0 | 4432 | 4350 | 4513 | 1.8 | 0.4 | 4.2 |
| 10.0 | 3600 | 3542 | 3658 | 1.6 | 0.4 | 4.1 |
| 15.0 | 2943 | 2902 | 2984 | 1.4 | 0.4 | 4.0 |
| 20.0 | 2419 | 2390 | 2448 | 1.2 | 0.3 | 3.9 |
| 25.0 | 2000 | 1980 | 2020 | 1.0 | 0.3 | 3.8 |
| 30.0 | 1662 | 1642 | 1682 | 1.2 | 0.3 | 3.6 |
| 35.0 | 1389 | 1369 | 1408 | 1.4 | 0.4 | 3.5 |
| 40.0 | 1166 | 1148 | 1184 | 1.6 | 0.4 | 3.5 |
| 45.0 | 983.2 | 966.2 | 1000 | 1.7 | 0.5 | 3.4 |
| 50.0 | 833.0 | 817.3 | 848.8 | 1.9 | 0.6 | 3.3 |
| 55.0 | 708.9 | 694.4 | 723.5 | 2.1 | 0.6 | 3.2 |
| 60.0 | 605.8 | 592.4 | 619.3 | 2.2 | 0.7 | 3.1 |
| 65.0 | 519.9 | 507.6 | 532.2 | 2.4 | 0.8 | 3.0 |
| 70.0 | 447.8 | 436.6 | 459.1 | 2.5 | 0.9 | 2.9 |
| 75.0 | 387.3 | 376.9 | 397.6 | 2.7 | 0.9 | 2.9 |
| 80.0 | 336.1 | 326.7 | 345.5 | 2.8 | 1.0 | 2.8 |
| 85.0 | 292.7 | 284.1 | 301.3 | 2.9 | 1.1 | 2.7 |
| 90.0 | 255.8 | 247.9 | 263.7 | 3.1 | 1.2 | 2.7 |
| 95.0 | 224.3 | 217.1 | 231.5 | 3.2 | 1.2 | 2.6 |
| 100.0 | 197.3 | 190.7 | 203.8 | 3.3 | 1.3 | 2.5 |
| 105.0 | 174.0 | 168.0 | 180.1 | 3.5 | 1.4 | 2.5 |
| 110.0 | 154.0 | 148.5 | 159.5 | 3.6 | 1.5 | 2.4 |
| 115.0 | 136.7 | 131.6 | 141.7 | 3.7 | 1.6 | 2.4 |
| 120.0 | 121.6 | 117.0 | 126.3 | 3.8 | 1.7 | 2.3 |
| 125.0 | 108.5 | 104.3 | 112.8 | 3.9 | 1.7 | 2.3 |
| 130.0 | 97.11 | 93.19 | 101.0 | 4.0 | 1.8 | 2.2 |
| 135.0 | 87.10 | 83.49 | 90.71 | 4.1 | 1.9 | 2.2 |

| B57550G0202F000 | | | | | | |
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| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 140.0 | 78.32 | 74.99 | 81.64 | 4.2 | 2.0 | 2.1 |
| 145.0 | 70.59 | 67.52 | 73.66 | 4.3 | 2.1 | 2.1 |
| 150.0 | 63.77 | 60.93 | 66.61 | 4.4 | 2.2 | 2.0 |
| 155.0 | 57.74 | 55.11 | 60.37 | 4.5 | 2.3 | 2.0 |
| 160.0 | 52.39 | 49.96 | 54.83 | 4.6 | 2.4 | 1.9 |
| 165.0 | 47.64 | 45.39 | 49.90 | 4.7 | 2.5 | 1.9 |
| 170.0 | 43.41 | 41.32 | 45.51 | 4.8 | 2.6 | 1.8 |
| 175.0 | 39.64 | 37.69 | 41.59 | 4.9 | 2.7 | 1.8 |
| 180.0 | 36.26 | 34.45 | 38.08 | 5.0 | 2.8 | 1.8 |
| 185.0 | 33.24 | 31.55 | 34.93 | 5.1 | 3.0 | 1.7 |
| 190.0 | 30.52 | 28.94 | 32.10 | 5.2 | 3.1 | 1.7 |
| 195.0 | 28.08 | 26.60 | 29.55 | 5.3 | 3.2 | 1.7 |
| 200.0 | 25.87 | 24.49 | 27.25 | 5.3 | 3.3 | 1.6 |
| 205.0 | 23.88 | 22.59 | 25.18 | 5.4 | 3.4 | 1.6 |
| 210.0 | 22.08 | 20.87 | 23.30 | 5.5 | 3.5 | 1.6 |
| 215.0 | 20.45 | 19.31 | 21.59 | 5.6 | 3.7 | 1.5 |
| 220.0 | 18.97 | 17.90 | 20.04 | 5.6 | 3.8 | 1.5 |
| 225.0 | 17.62 | 16.61 | 18.63 | 5.7 | 3.9 | 1.5 |
| 230.0 | 16.40 | 15.45 | 17.34 | 5.8 | 4.1 | 1.4 |
| 235.0 | 15.28 | 14.38 | 16.17 | 5.9 | 4.2 | 1.4 |
| 240.0 | 14.25 | 13.41 | 15.10 | 5.9 | 4.3 | 1.4 |
| 245.0 | 13.32 | 12.52 | 14.12 | 6.0 | 4.5 | 1.3 |
| 250.0 | 12.46 | 11.71 | 13.22 | 6.1 | 4.6 | 1.3 |
| 255.0 | 11.67 | 10.96 | 12.39 | 6.1 | 4.7 | 1.3 |
| 260.0 | 10.95 | 10.27 | 11.63 | 6.2 | 4.9 | 1.3 |
| 265.0 | 10.29 | 9.642 | 10.93 | 6.3 | 5.0 | 1.2 |
| 270.0 | 9.672 | 9.061 | 10.28 | 6.3 | 5.2 | 1.2 |
| 275.0 | 9.106 | 8.526 | 9.687 | 6.4 | 5.3 | 1.2 |
| 280.0 | 8.584 | 8.032 | 9.136 | 6.4 | 5.5 | 1.2 |
| 285.0 | 8.101 | 7.575 | 8.627 | 6.5 | 5.7 | 1.1 |
| 290.0 | 7.653 | 7.152 | 8.155 | 6.6 | 5.8 | 1.1 |
| 295.0 | 7.238 | 6.760 | 7.717 | 6.6 | 6.0 | 1.1 |
| 300.0 | 6.853 | 6.397 | 7.310 | 6.7 | 6.2 | 1.1 |

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| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 96473 | 90354 | 102590 | 6.3 | 1.0 | 6.2 |

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| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -50.0 | 70975 | 66736 | 75215 | 6.0 | 1.0 | 6.0 |
| -45.0 | 52779 | 49813 | 55746 | 5.6 | 1.0 | 5.8 |
| -40.0 | 39650 | 37554 | 41745 | 5.3 | 0.9 | 5.6 |
| -35.0 | 30075 | 28582 | 31568 | 5.0 | 0.9 | 5.4 |
| -30.0 | 23023 | 21950 | 24095 | 4.7 | 0.9 | 5.3 |
| -25.0 | 17779 | 17003 | 18554 | 4.4 | 0.9 | 5.1 |
| -20.0 | 13844 | 13278 | 14409 | 4.1 | 0.8 | 4.9 |
| -15.0 | 10865 | 10451 | 11279 | 3.8 | 0.8 | 4.8 |
| -10.0 | 8592 | 8287 | 8898 | 3.6 | 0.8 | 4.6 |
| -5.0 | 6844 | 6618 | 7070 | 3.3 | 0.7 | 4.5 |
| 0.0 | 5489 | 5321 | 5657 | 3.1 | 0.7 | 4.3 |
| 5.0 | 4432 | 4306 | 4557 | 2.8 | 0.7 | 4.2 |
| 10.0 | 3600 | 3506 | 3695 | 2.6 | 0.6 | 4.1 |
| 15.0 | 2943 | 2872 | 3014 | 2.4 | 0.6 | 4.0 |
| 20.0 | 2419 | 2366 | 2472 | 2.2 | 0.6 | 3.9 |
| 25.0 | 2000 | 1960 | 2040 | 2.0 | 0.5 | 3.8 |
| 30.0 | 1662 | 1626 | 1699 | 2.2 | 0.6 | 3.6 |
| 35.0 | 1389 | 1356 | 1422 | 2.4 | 0.7 | 3.5 |
| 40.0 | 1166 | 1136 | 1195 | 2.6 | 0.7 | 3.5 |
| 45.0 | 983.2 | 956.3 | 1010 | 2.7 | 0.8 | 3.4 |
| 50.0 | 833.0 | 808.9 | 857.2 | 2.9 | 0.9 | 3.3 |
| 55.0 | 708.9 | 687.2 | 730.7 | 3.1 | 1.0 | 3.2 |
| 60.0 | 605.8 | 586.3 | 625.4 | 3.2 | 1.0 | 3.1 |
| 65.0 | 519.9 | 502.3 | 537.4 | 3.4 | 1.1 | 3.0 |
| 70.0 | 447.8 | 432.0 | 463.7 | 3.5 | 1.2 | 2.9 |
| 75.0 | 387.3 | 373.0 | 401.5 | 3.7 | 1.3 | 2.9 |
| 80.0 | 336.1 | 323.2 | 348.9 | 3.8 | 1.4 | 2.8 |
| 85.0 | 292.7 | 281.1 | 304.3 | 4.0 | 1.5 | 2.7 |
| 90.0 | 255.8 | 245.3 | 266.3 | 4.1 | 1.5 | 2.7 |
| 95.0 | 224.3 | 214.8 | 233.8 | 4.2 | 1.6 | 2.6 |
| 100.0 | 197.3 | 188.7 | 205.9 | 4.4 | 1.7 | 2.5 |
| 105.0 | 174.0 | 166.2 | 181.8 | 4.5 | 1.8 | 2.5 |
| 110.0 | 154.0 | 146.9 | 161.1 | 4.6 | 1.9 | 2.4 |
| 115.0 | 136.7 | 130.2 | 143.1 | 4.7 | 2.0 | 2.4 |
| 120.0 | 121.6 | 115.7 | 127.5 | 4.8 | 2.1 | 2.3 |
| 125.0 | 108.5 | 103.2 | 113.9 | 5.0 | 2.2 | 2.3 |
| 130.0 | 97.11 | 92.19 | 102.0 | 5.1 | 2.3 | 2.2 |
| 135.0 | 87.10 | 82.59 | 91.61 | 5.2 | 2.4 | 2.2 |
| 140.0 | 78.32 | 74.18 | 82.45 | 5.3 | 2.5 | 2.1 |
| 145.0 | 70.59 | 66.79 | 74.39 | 5.4 | 2.6 | 2.1 |

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| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 150.0 | 63.77 | 60.27 | 67.27 | 5.5 | 2.7 | 2.0 |
| 155.0 | 57.74 | 54.52 | 60.96 | 5.6 | 2.8 | 2.0 |
| 160.0 | 52.39 | 49.42 | 55.37 | 5.7 | 3.0 | 1.9 |
| 165.0 | 47.64 | 44.89 | 50.39 | 5.8 | 3.1 | 1.9 |
| 170.0 | 43.41 | 40.87 | 45.96 | 5.9 | 3.2 | 1.8 |
| 175.0 | 39.64 | 37.28 | 42.00 | 6.0 | 3.3 | 1.8 |
| 180.0 | 36.26 | 34.07 | 38.46 | 6.0 | 3.4 | 1.8 |
| 185.0 | 33.24 | 31.20 | 35.28 | 6.1 | 3.6 | 1.7 |
| 190.0 | 30.52 | 28.62 | 32.42 | 6.2 | 3.7 | 1.7 |
| 195.0 | 28.08 | 26.31 | 29.85 | 6.3 | 3.8 | 1.7 |
| 200.0 | 25.87 | 24.22 | 27.52 | 6.4 | 3.9 | 1.6 |
| 205.0 | 23.88 | 22.34 | 25.43 | 6.5 | 4.1 | 1.6 |
| 210.0 | 22.08 | 20.64 | 23.53 | 6.5 | 4.2 | 1.6 |
| 215.0 | 20.45 | 19.10 | 21.80 | 6.6 | 4.4 | 1.5 |
| 220.0 | 18.97 | 17.70 | 20.24 | 6.7 | 4.5 | 1.5 |
| 225.0 | 17.62 | 16.43 | 18.81 | 6.8 | 4.6 | 1.5 |
| 230.0 | 16.40 | 15.27 | 17.52 | 6.8 | 4.8 | 1.4 |
| 235.0 | 15.28 | 14.22 | 16.33 | 6.9 | 4.9 | 1.4 |
| 240.0 | 14.25 | 13.26 | 15.25 | 7.0 | 5.1 | 1.4 |
| 245.0 | 13.32 | 12.38 | 14.26 | 7.0 | 5.2 | 1.3 |
| 250.0 | 12.46 | 11.57 | 13.35 | 7.1 | 5.4 | 1.3 |
| 255.0 | 11.67 | 10.84 | 12.51 | 7.2 | 5.6 | 1.3 |
| 260.0 | 10.95 | 10.16 | 11.74 | 7.2 | 5.7 | 1.3 |
| 265.0 | 10.29 | 9.534 | 11.04 | 7.3 | 5.9 | 1.2 |
| 270.0 | 9.672 | 8.959 | 10.38 | 7.4 | 6.1 | 1.2 |
| 275.0 | 9.106 | 8.430 | 9.783 | 7.4 | 6.2 | 1.2 |
| 280.0 | 8.584 | 7.941 | 9.227 | 7.5 | 6.4 | 1.2 |
| 285.0 | 8.101 | 7.489 | 8.712 | 7.5 | 6.6 | 1.1 |
| 290.0 | 7.653 | 7.071 | 8.235 | 7.6 | 6.8 | 1.1 |
| 295.0 | 7.238 | 6.684 | 7.793 | 7.7 | 6.9 | 1.1 |
| 300.0 | 6.853 | 6.324 | 7.382 | 7.7 | 7.1 | 1.1 |

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| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 96473 | 89348 | 103600 | 7.4 | 1.2 | 6.2 |
| -50.0 | 70975 | 65998 | 75952 | 7.0 | 1.2 | 6.0 |
| -45.0 | 52779 | 49266 | 56293 | 6.7 | 1.1 | 5.8 |

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| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -40.0 | 39650 | 37145 | 42154 | 6.3 | 1.1 | 5.6 |
| -35.0 | 30075 | 28273 | 31877 | 6.0 | 1.1 | 5.4 |
| -30.0 | 23023 | 21714 | 24331 | 5.7 | 1.1 | 5.3 |
| -25.0 | 17779 | 16821 | 18736 | 5.4 | 1.1 | 5.1 |
| -20.0 | 13844 | 13137 | 14550 | 5.1 | 1.0 | 4.9 |
| -15.0 | 10865 | 10340 | 11390 | 4.8 | 1.0 | 4.8 |
| -10.0 | 8592 | 8200 | 8985 | 4.6 | 1.0 | 4.6 |
| -5.0 | 6844 | 6548 | 7140 | 4.3 | 1.0 | 4.5 |
| 0.0 | 5489 | 5265 | 5713 | 4.1 | 0.9 | 4.3 |
| 5.0 | 4432 | 4261 | 4602 | 3.8 | 0.9 | 4.2 |
| 10.0 | 3600 | 3470 | 3731 | 3.6 | 0.9 | 4.1 |
| 15.0 | 2943 | 2843 | 3043 | 3.4 | 0.9 | 4.0 |
| 20.0 | 2419 | 2342 | 2497 | 3.2 | 0.8 | 3.9 |
| 25.0 | 2000 | 1940 | 2060 | 3.0 | 0.8 | 3.8 |
| 30.0 | 1662 | 1609 | 1715 | 3.2 | 0.9 | 3.6 |
| 35.0 | 1389 | 1342 | 1435 | 3.4 | 1.0 | 3.5 |
| 40.0 | 1166 | 1124 | 1207 | 3.6 | 1.0 | 3.5 |
| 45.0 | 983.2 | 946.4 | 1020 | 3.7 | 1.1 | 3.4 |
| 50.0 | 833.0 | 800.5 | 865.6 | 3.9 | 1.2 | 3.3 |
| 55.0 | 708.9 | 680.0 | 737.8 | 4.1 | 1.3 | 3.2 |
| 60.0 | 605.8 | 580.2 | 631.5 | 4.2 | 1.4 | 3.1 |
| 65.0 | 519.9 | 497.0 | 542.7 | 4.4 | 1.5 | 3.0 |
| 70.0 | 447.8 | 427.5 | 468.2 | 4.5 | 1.5 | 2.9 |
| 75.0 | 387.3 | 369.1 | 405.4 | 4.7 | 1.6 | 2.9 |
| 80.0 | 336.1 | 319.8 | 352.4 | 4.8 | 1.7 | 2.8 |
| 85.0 | 292.7 | 278.1 | 307.3 | 5.0 | 1.8 | 2.7 |
| 90.0 | 255.8 | 242.7 | 268.9 | 5.1 | 1.9 | 2.7 |
| 95.0 | 224.3 | 212.5 | 236.1 | 5.3 | 2.0 | 2.6 |
| 100.0 | 197.3 | 186.7 | 207.9 | 5.4 | 2.1 | 2.5 |
| 105.0 | 174.0 | 164.5 | 183.6 | 5.5 | 2.2 | 2.5 |
| 110.0 | 154.0 | 145.3 | 162.7 | 5.6 | 2.3 | 2.4 |
| 115.0 | 136.7 | 128.8 | 144.5 | 5.8 | 2.4 | 2.4 |
| 120.0 | 121.6 | 114.5 | 128.8 | 5.9 | 2.5 | 2.3 |
| 125.0 | 108.5 | 102.0 | 115.0 | 6.0 | 2.7 | 2.3 |
| 130.0 | 97.11 | 91.19 | 103.0 | 6.1 | 2.8 | 2.2 |
| 135.0 | 87.10 | 81.70 | 92.51 | 6.2 | 2.9 | 2.2 |
| 140.0 | 78.32 | 73.37 | 83.26 | 6.3 | 3.0 | 2.1 |
| 145.0 | 70.59 | 66.06 | 75.12 | 6.4 | 3.1 | 2.1 |
| 150.0 | 63.77 | 59.61 | 67.93 | 6.5 | 3.2 | 2.0 |
| 155.0 | 57.74 | 53.92 | 61.56 | 6.6 | 3.4 | 2.0 |

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| R/T No. | 8401 | | | | | |
| T (°C) | $B_{0/100} = 3390 \text{ K}, R_{25} = 2000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 160.0 | 52.39 | 48.88 | 55.91 | 6.7 | 3.5 | 1.9 |
| 165.0 | 47.64 | 44.40 | 50.89 | 6.8 | 3.6 | 1.9 |
| 170.0 | 43.41 | 40.42 | 46.41 | 6.9 | 3.8 | 1.8 |
| 175.0 | 39.64 | 36.87 | 42.41 | 7.0 | 3.9 | 1.8 |
| 180.0 | 36.26 | 33.69 | 38.83 | 7.1 | 4.0 | 1.8 |
| 185.0 | 33.24 | 30.85 | 35.62 | 7.2 | 4.2 | 1.7 |
| 190.0 | 30.52 | 28.31 | 32.74 | 7.3 | 4.3 | 1.7 |
| 195.0 | 28.08 | 26.02 | 30.14 | 7.3 | 4.4 | 1.7 |
| 200.0 | 25.87 | 23.95 | 27.79 | 7.4 | 4.6 | 1.6 |
| 205.0 | 23.88 | 22.09 | 25.68 | 7.5 | 4.7 | 1.6 |
| 210.0 | 22.08 | 20.41 | 23.76 | 7.6 | 4.9 | 1.6 |
| 215.0 | 20.45 | 18.88 | 22.02 | 7.7 | 5.0 | 1.5 |
| 220.0 | 18.97 | 17.50 | 20.44 | 7.7 | 5.2 | 1.5 |
| 225.0 | 17.62 | 16.25 | 19.00 | 7.8 | 5.4 | 1.5 |
| 230.0 | 16.40 | 15.10 | 17.69 | 7.9 | 5.5 | 1.4 |
| 235.0 | 15.28 | 14.06 | 16.49 | 8.0 | 5.7 | 1.4 |
| 240.0 | 14.25 | 13.11 | 15.40 | 8.0 | 5.9 | 1.4 |
| 245.0 | 13.32 | 12.24 | 14.40 | 8.1 | 6.0 | 1.3 |
| 250.0 | 12.46 | 11.44 | 13.48 | 8.2 | 6.2 | 1.3 |
| 255.0 | 11.67 | 10.71 | 12.63 | 8.2 | 6.4 | 1.3 |
| 260.0 | 10.95 | 10.04 | 11.86 | 8.3 | 6.5 | 1.3 |
| 265.0 | 10.29 | 9.426 | 11.14 | 8.4 | 6.7 | 1.2 |
| 270.0 | 9.672 | 8.858 | 10.49 | 8.4 | 6.9 | 1.2 |
| 275.0 | 9.106 | 8.334 | 9.879 | 8.5 | 7.1 | 1.2 |
| 280.0 | 8.584 | 7.851 | 9.317 | 8.5 | 7.3 | 1.2 |
| 285.0 | 8.101 | 7.404 | 8.798 | 8.6 | 7.5 | 1.1 |
| 290.0 | 7.653 | 6.990 | 8.316 | 8.7 | 7.7 | 1.1 |
| 295.0 | 7.238 | 6.607 | 7.869 | 8.7 | 7.9 | 1.1 |
| 300.0 | 6.853 | 6.252 | 7.455 | 8.8 | 8.1 | 1.1 |

| B57550G0202J000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8401 | | | | | |
| T (°C) | $B_{0/100} = 3390 \text{ K}, R_{25} = 2000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 96473 | 87337 | 105610 | 9.5 | 1.5 | 6.2 |
| -50.0 | 70975 | 64523 | 77427 | 9.1 | 1.5 | 6.0 |
| -45.0 | 52779 | 48173 | 57386 | 8.7 | 1.5 | 5.8 |
| -40.0 | 39650 | 36326 | 42973 | 8.4 | 1.5 | 5.6 |
| -35.0 | 30075 | 27654 | 32496 | 8.1 | 1.5 | 5.4 |

| B57550G0202J000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8401 | | | | | |
| T (°C) | B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -30.0 | 23023 | 21242 | 24804 | 7.7 | 1.5 | 5.3 |
| -25.0 | 17779 | 16457 | 19100 | 7.4 | 1.5 | 5.1 |
| -20.0 | 13844 | 12855 | 14833 | 7.1 | 1.5 | 4.9 |
| -15.0 | 10865 | 10119 | 11611 | 6.9 | 1.4 | 4.8 |
| -10.0 | 8592 | 8025 | 9159 | 6.6 | 1.4 | 4.6 |
| -5.0 | 6844 | 6410 | 7278 | 6.3 | 1.4 | 4.5 |
| 0.0 | 5489 | 5154 | 5824 | 6.1 | 1.4 | 4.3 |
| 5.0 | 4432 | 4172 | 4691 | 5.9 | 1.4 | 4.2 |
| 10.0 | 3600 | 3398 | 3803 | 5.6 | 1.4 | 4.1 |
| 15.0 | 2943 | 2783 | 3102 | 5.4 | 1.4 | 4.0 |
| 20.0 | 2419 | 2293 | 2545 | 5.2 | 1.3 | 3.9 |
| 25.0 | 2000 | 1900 | 2100 | 5.0 | 1.3 | 3.8 |
| 30.0 | 1662 | 1576 | 1749 | 5.2 | 1.4 | 3.6 |
| 35.0 | 1389 | 1314 | 1463 | 5.4 | 1.5 | 3.5 |
| 40.0 | 1166 | 1101 | 1231 | 5.6 | 1.6 | 3.5 |
| 45.0 | 983.2 | 926.6 | 1040 | 5.8 | 1.7 | 3.4 |
| 50.0 | 833.0 | 783.7 | 882.4 | 5.9 | 1.8 | 3.3 |
| 55.0 | 708.9 | 665.7 | 752.1 | 6.1 | 1.9 | 3.2 |
| 60.0 | 605.8 | 567.9 | 643.8 | 6.3 | 2.0 | 3.1 |
| 65.0 | 519.9 | 486.5 | 553.3 | 6.4 | 2.1 | 3.0 |
| 70.0 | 447.8 | 418.4 | 477.3 | 6.6 | 2.2 | 2.9 |
| 75.0 | 387.3 | 361.2 | 413.3 | 6.7 | 2.3 | 2.9 |
| 80.0 | 336.1 | 313.0 | 359.2 | 6.9 | 2.5 | 2.8 |
| 85.0 | 292.7 | 272.2 | 313.3 | 7.0 | 2.6 | 2.7 |
| 90.0 | 255.8 | 237.5 | 274.1 | 7.2 | 2.7 | 2.7 |
| 95.0 | 224.3 | 207.9 | 240.6 | 7.3 | 2.8 | 2.6 |
| 100.0 | 197.3 | 182.6 | 211.9 | 7.4 | 2.9 | 2.5 |
| 105.0 | 174.0 | 160.9 | 187.2 | 7.6 | 3.1 | 2.5 |
| 110.0 | 154.0 | 142.2 | 165.8 | 7.7 | 3.2 | 2.4 |
| 115.0 | 136.7 | 126.0 | 147.3 | 7.8 | 3.3 | 2.4 |
| 120.0 | 121.6 | 112.0 | 131.3 | 7.9 | 3.4 | 2.3 |
| 125.0 | 108.5 | 99.81 | 117.3 | 8.0 | 3.6 | 2.3 |
| 130.0 | 97.11 | 89.19 | 105.0 | 8.2 | 3.7 | 2.2 |
| 135.0 | 87.10 | 79.90 | 94.30 | 8.3 | 3.8 | 2.2 |
| 140.0 | 78.32 | 71.76 | 84.88 | 8.4 | 4.0 | 2.1 |
| 145.0 | 70.59 | 64.60 | 76.58 | 8.5 | 4.1 | 2.1 |
| 150.0 | 63.77 | 58.29 | 69.25 | 8.6 | 4.3 | 2.0 |
| 155.0 | 57.74 | 52.72 | 62.76 | 8.7 | 4.4 | 2.0 |
| 160.0 | 52.39 | 47.79 | 57.00 | 8.8 | 4.6 | 1.9 |
| 165.0 | 47.64 | 43.41 | 51.88 | 8.9 | 4.7 | 1.9 |

| B57550G0202J000 | | | | | | |
|------------------------|---|-------------------|-------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8401 | | | | | |
| T (°C) | $B_{0/100} = 3390 \text{ K}, R_{25} = 2000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| 170.0 | 43.41 | 39.52 | 47.31 | 9.0 | 4.9 | 1.8 |
| 175.0 | 39.64 | 36.04 | 43.24 | 9.1 | 5.0 | 1.8 |
| 180.0 | 36.26 | 32.94 | 39.59 | 9.2 | 5.2 | 1.8 |
| 185.0 | 33.24 | 30.16 | 36.31 | 9.3 | 5.4 | 1.7 |
| 190.0 | 30.52 | 27.67 | 33.37 | 9.3 | 5.5 | 1.7 |
| 195.0 | 28.08 | 25.43 | 30.72 | 9.4 | 5.7 | 1.7 |
| 200.0 | 25.87 | 23.41 | 28.33 | 9.5 | 5.9 | 1.6 |
| 205.0 | 23.88 | 21.59 | 26.17 | 9.6 | 6.1 | 1.6 |
| 210.0 | 22.08 | 19.95 | 24.22 | 9.7 | 6.2 | 1.6 |
| 215.0 | 20.45 | 18.46 | 22.45 | 9.8 | 6.4 | 1.5 |
| 220.0 | 18.97 | 17.11 | 20.83 | 9.8 | 6.6 | 1.5 |
| 225.0 | 17.62 | 15.88 | 19.37 | 9.9 | 6.8 | 1.5 |
| 230.0 | 16.40 | 14.76 | 18.03 | 10.0 | 7.0 | 1.4 |
| 235.0 | 15.28 | 13.74 | 16.81 | 10.1 | 7.2 | 1.4 |
| 240.0 | 14.25 | 12.81 | 15.70 | 10.1 | 7.4 | 1.4 |
| 245.0 | 13.32 | 11.96 | 14.68 | 10.2 | 7.6 | 1.3 |
| 250.0 | 12.46 | 11.18 | 13.74 | 10.3 | 7.8 | 1.3 |
| 255.0 | 11.67 | 10.47 | 12.88 | 10.3 | 8.0 | 1.3 |
| 260.0 | 10.95 | 9.812 | 12.09 | 10.4 | 8.2 | 1.3 |
| 265.0 | 10.29 | 9.209 | 11.36 | 10.5 | 8.4 | 1.2 |
| 270.0 | 9.672 | 8.654 | 10.69 | 10.5 | 8.6 | 1.2 |
| 275.0 | 9.106 | 8.142 | 10.07 | 10.6 | 8.9 | 1.2 |
| 280.0 | 8.584 | 7.670 | 9.498 | 10.7 | 9.1 | 1.2 |
| 285.0 | 8.101 | 7.233 | 8.968 | 10.7 | 9.3 | 1.1 |
| 290.0 | 7.653 | 6.829 | 8.478 | 10.8 | 9.6 | 1.1 |
| 295.0 | 7.238 | 6.454 | 8.022 | 10.8 | 9.8 | 1.1 |
| 300.0 | 6.853 | 6.107 | 7.599 | 10.9 | 10.1 | 1.1 |

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|------------------------|---|-------------------|-------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| -55.0 | 259960 | 245980 | 273940 | 5.4 | 0.8 | 6.4 |
| -50.0 | 189950 | 180440 | 199450 | 5.0 | 0.8 | 6.2 |
| -45.0 | 140350 | 133820 | 146880 | 4.7 | 0.8 | 5.9 |
| -40.0 | 104800 | 100280 | 109320 | 4.3 | 0.8 | 5.7 |
| -35.0 | 79044 | 75892 | 82196 | 4.0 | 0.7 | 5.5 |
| -30.0 | 60186 | 57972 | 62400 | 3.7 | 0.7 | 5.4 |
| -25.0 | 46242 | 44678 | 47806 | 3.4 | 0.7 | 5.2 |

| B57550G0502F000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8402 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -20.0 | 35834 | 34724 | 36945 | 3.1 | 0.6 | 5.0 |
| -15.0 | 27996 | 27205 | 28788 | 2.8 | 0.6 | 4.9 |
| -10.0 | 22043 | 21478 | 22609 | 2.6 | 0.5 | 4.7 |
| -5.0 | 17485 | 17080 | 17890 | 2.3 | 0.5 | 4.6 |
| 0.0 | 13968 | 13678 | 14258 | 2.1 | 0.5 | 4.4 |
| 5.0 | 11234 | 11027 | 11441 | 1.8 | 0.4 | 4.3 |
| 10.0 | 9094 | 8946 | 9241 | 1.6 | 0.4 | 4.2 |
| 15.0 | 7407 | 7302 | 7511 | 1.4 | 0.3 | 4.0 |
| 20.0 | 6068 | 5995 | 6141 | 1.2 | 0.3 | 3.9 |
| 25.0 | 5000 | 4950 | 5050 | 1.0 | 0.3 | 3.8 |
| 30.0 | 4142 | 4093 | 4192 | 1.2 | 0.3 | 3.7 |
| 35.0 | 3450 | 3402 | 3497 | 1.4 | 0.4 | 3.6 |
| 40.0 | 2887 | 2842 | 2932 | 1.6 | 0.4 | 3.5 |
| 45.0 | 2428 | 2386 | 2470 | 1.7 | 0.5 | 3.4 |
| 50.0 | 2051 | 2012 | 2090 | 1.9 | 0.6 | 3.3 |
| 55.0 | 1741 | 1705 | 1777 | 2.1 | 0.6 | 3.2 |
| 60.0 | 1484 | 1450 | 1517 | 2.2 | 0.7 | 3.2 |
| 65.0 | 1270 | 1239 | 1300 | 2.4 | 0.8 | 3.1 |
| 70.0 | 1091 | 1063 | 1119 | 2.5 | 0.8 | 3.0 |
| 75.0 | 940.8 | 915.5 | 966.2 | 2.7 | 0.9 | 2.9 |
| 80.0 | 814.4 | 791.3 | 837.5 | 2.8 | 1.0 | 2.8 |
| 85.0 | 707.5 | 686.5 | 728.6 | 3.0 | 1.1 | 2.8 |
| 90.0 | 616.8 | 597.5 | 636.0 | 3.1 | 1.1 | 2.7 |
| 95.0 | 539.4 | 521.9 | 556.9 | 3.2 | 1.2 | 2.6 |
| 100.0 | 473.3 | 457.3 | 489.3 | 3.4 | 1.3 | 2.6 |
| 105.0 | 416.6 | 402.0 | 431.2 | 3.5 | 1.4 | 2.5 |
| 110.0 | 367.7 | 354.4 | 381.1 | 3.6 | 1.5 | 2.5 |
| 115.0 | 325.6 | 313.4 | 337.8 | 3.7 | 1.6 | 2.4 |
| 120.0 | 289.0 | 277.9 | 300.2 | 3.9 | 1.6 | 2.4 |
| 125.0 | 257.3 | 247.1 | 267.6 | 4.0 | 1.7 | 2.3 |
| 130.0 | 229.7 | 220.3 | 239.1 | 4.1 | 1.8 | 2.2 |
| 135.0 | 205.5 | 196.9 | 214.2 | 4.2 | 1.9 | 2.2 |
| 140.0 | 184.4 | 176.4 | 192.3 | 4.3 | 2.0 | 2.1 |
| 145.0 | 165.8 | 158.5 | 173.1 | 4.4 | 2.1 | 2.1 |
| 150.0 | 149.4 | 142.7 | 156.2 | 4.5 | 2.2 | 2.1 |
| 155.0 | 135.0 | 128.8 | 141.2 | 4.6 | 2.3 | 2.0 |
| 160.0 | 122.2 | 116.5 | 128.0 | 4.7 | 2.4 | 2.0 |
| 165.0 | 110.9 | 105.5 | 116.2 | 4.8 | 2.5 | 1.9 |
| 170.0 | 100.8 | 95.86 | 105.7 | 4.9 | 2.6 | 1.9 |
| 175.0 | 91.82 | 87.24 | 96.40 | 5.0 | 2.7 | 1.8 |

| B57550G0502F000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| 180.0 | 83.81 | 79.55 | 88.06 | 5.1 | 2.8 | 1.8 |
| 185.0 | 76.64 | 72.68 | 80.60 | 5.2 | 2.9 | 1.8 |
| 190.0 | 70.21 | 66.53 | 73.90 | 5.3 | 3.0 | 1.7 |
| 195.0 | 64.44 | 61.00 | 67.88 | 5.3 | 3.1 | 1.7 |
| 200.0 | 59.25 | 56.04 | 62.46 | 5.4 | 3.3 | 1.7 |
| 205.0 | 54.56 | 51.56 | 57.56 | 5.5 | 3.4 | 1.6 |
| 210.0 | 50.33 | 47.53 | 53.14 | 5.6 | 3.5 | 1.6 |
| 215.0 | 46.51 | 43.88 | 49.14 | 5.7 | 3.6 | 1.6 |
| 220.0 | 43.04 | 40.57 | 45.50 | 5.7 | 3.7 | 1.5 |
| 225.0 | 39.89 | 37.57 | 42.20 | 5.8 | 3.9 | 1.5 |
| 230.0 | 37.02 | 34.85 | 39.20 | 5.9 | 4.0 | 1.5 |
| 235.0 | 34.42 | 32.37 | 36.46 | 5.9 | 4.1 | 1.4 |
| 240.0 | 32.04 | 30.11 | 33.97 | 6.0 | 4.2 | 1.4 |
| 245.0 | 29.86 | 28.05 | 31.68 | 6.1 | 4.4 | 1.4 |
| 250.0 | 27.88 | 26.16 | 29.59 | 6.2 | 4.5 | 1.4 |
| 255.0 | 26.05 | 24.43 | 27.67 | 6.2 | 4.6 | 1.3 |
| 260.0 | 24.38 | 22.85 | 25.91 | 6.3 | 4.8 | 1.3 |
| 265.0 | 22.85 | 21.40 | 24.30 | 6.3 | 4.9 | 1.3 |
| 270.0 | 21.43 | 20.06 | 22.81 | 6.4 | 5.1 | 1.3 |
| 275.0 | 20.13 | 18.83 | 21.43 | 6.5 | 5.2 | 1.2 |
| 280.0 | 18.93 | 17.69 | 20.17 | 6.5 | 5.4 | 1.2 |
| 285.0 | 17.82 | 16.65 | 19.00 | 6.6 | 5.5 | 1.2 |
| 290.0 | 16.80 | 15.68 | 17.91 | 6.7 | 5.7 | 1.2 |
| 295.0 | 15.85 | 14.79 | 16.91 | 6.7 | 5.8 | 1.2 |
| 300.0 | 14.97 | 13.96 | 15.98 | 6.8 | 6.0 | 1.1 |

| B57550G0502G000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| -55.0 | 259960 | 243260 | 276650 | 6.4 | 1.0 | 6.4 |
| -50.0 | 189950 | 178460 | 201430 | 6.0 | 1.0 | 6.2 |
| -45.0 | 140350 | 132370 | 148330 | 5.7 | 1.0 | 5.9 |
| -40.0 | 104800 | 99201 | 110400 | 5.3 | 0.9 | 5.7 |
| -35.0 | 79044 | 75078 | 83010 | 5.0 | 0.9 | 5.5 |
| -30.0 | 60186 | 57354 | 63018 | 4.7 | 0.9 | 5.4 |
| -25.0 | 46242 | 44204 | 48279 | 4.4 | 0.8 | 5.2 |
| -20.0 | 35834 | 34358 | 37310 | 4.1 | 0.8 | 5.0 |
| -15.0 | 27996 | 26920 | 29073 | 3.8 | 0.8 | 4.9 |

| B57550G0502G000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8402 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -10.0 | 22043 | 21254 | 22833 | 3.6 | 0.8 | 4.7 |
| -5.0 | 17485 | 16903 | 18067 | 3.3 | 0.7 | 4.6 |
| 0.0 | 13968 | 13537 | 14399 | 3.1 | 0.7 | 4.4 |
| 5.0 | 11234 | 10914 | 11554 | 2.9 | 0.7 | 4.3 |
| 10.0 | 9094 | 8855 | 9332 | 2.6 | 0.6 | 4.2 |
| 15.0 | 7407 | 7228 | 7585 | 2.4 | 0.6 | 4.0 |
| 20.0 | 6068 | 5935 | 6202 | 2.2 | 0.6 | 3.9 |
| 25.0 | 5000 | 4900 | 5100 | 2.0 | 0.5 | 3.8 |
| 30.0 | 4142 | 4051 | 4233 | 2.2 | 0.6 | 3.7 |
| 35.0 | 3450 | 3367 | 3532 | 2.4 | 0.7 | 3.6 |
| 40.0 | 2887 | 2813 | 2961 | 2.6 | 0.7 | 3.5 |
| 45.0 | 2428 | 2361 | 2495 | 2.7 | 0.8 | 3.4 |
| 50.0 | 2051 | 1991 | 2111 | 2.9 | 0.9 | 3.3 |
| 55.0 | 1741 | 1687 | 1795 | 3.1 | 1.0 | 3.2 |
| 60.0 | 1484 | 1435 | 1532 | 3.2 | 1.0 | 3.2 |
| 65.0 | 1270 | 1226 | 1313 | 3.4 | 1.1 | 3.1 |
| 70.0 | 1091 | 1052 | 1130 | 3.6 | 1.2 | 3.0 |
| 75.0 | 940.8 | 905.9 | 975.7 | 3.7 | 1.3 | 2.9 |
| 80.0 | 814.4 | 783.0 | 845.8 | 3.9 | 1.4 | 2.8 |
| 85.0 | 707.5 | 679.2 | 735.8 | 4.0 | 1.4 | 2.8 |
| 90.0 | 616.8 | 591.3 | 642.3 | 4.1 | 1.5 | 2.7 |
| 95.0 | 539.4 | 516.4 | 562.4 | 4.3 | 1.6 | 2.6 |
| 100.0 | 473.3 | 452.5 | 494.1 | 4.4 | 1.7 | 2.6 |
| 105.0 | 416.6 | 397.7 | 435.4 | 4.5 | 1.8 | 2.5 |
| 110.0 | 367.7 | 350.6 | 384.8 | 4.7 | 1.9 | 2.5 |
| 115.0 | 325.6 | 310.0 | 341.1 | 4.8 | 2.0 | 2.4 |
| 120.0 | 289.0 | 274.9 | 303.2 | 4.9 | 2.1 | 2.4 |
| 125.0 | 257.3 | 244.4 | 270.2 | 5.0 | 2.2 | 2.3 |
| 130.0 | 229.7 | 217.9 | 241.4 | 5.1 | 2.3 | 2.2 |
| 135.0 | 205.5 | 194.8 | 216.3 | 5.2 | 2.4 | 2.2 |
| 140.0 | 184.4 | 174.5 | 194.2 | 5.3 | 2.5 | 2.1 |
| 145.0 | 165.8 | 156.8 | 174.8 | 5.4 | 2.6 | 2.1 |
| 150.0 | 149.4 | 141.1 | 157.7 | 5.5 | 2.7 | 2.1 |
| 155.0 | 135.0 | 127.4 | 142.6 | 5.6 | 2.8 | 2.0 |
| 160.0 | 122.2 | 115.2 | 129.2 | 5.7 | 2.9 | 2.0 |
| 165.0 | 110.9 | 104.4 | 117.4 | 5.8 | 3.0 | 1.9 |
| 170.0 | 100.8 | 94.82 | 106.8 | 5.9 | 3.1 | 1.9 |
| 175.0 | 91.82 | 86.29 | 97.36 | 6.0 | 3.3 | 1.8 |
| 180.0 | 83.81 | 78.68 | 88.94 | 6.1 | 3.4 | 1.8 |
| 185.0 | 76.64 | 71.88 | 81.40 | 6.2 | 3.5 | 1.8 |

| B57550G0502G000 | | | | | | |
|------------------------|---|-------------------|-------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| 190.0 | 70.21 | 65.80 | 74.63 | 6.3 | 3.6 | 1.7 |
| 195.0 | 64.44 | 60.33 | 68.55 | 6.4 | 3.8 | 1.7 |
| 200.0 | 59.25 | 55.42 | 63.07 | 6.5 | 3.9 | 1.7 |
| 205.0 | 54.56 | 50.99 | 58.13 | 6.5 | 4.0 | 1.6 |
| 210.0 | 50.33 | 47.00 | 53.67 | 6.6 | 4.1 | 1.6 |
| 215.0 | 46.51 | 43.39 | 49.62 | 6.7 | 4.3 | 1.6 |
| 220.0 | 43.04 | 40.12 | 45.95 | 6.8 | 4.4 | 1.5 |
| 225.0 | 39.89 | 37.16 | 42.62 | 6.9 | 4.6 | 1.5 |
| 230.0 | 37.02 | 34.46 | 39.59 | 6.9 | 4.7 | 1.5 |
| 235.0 | 34.42 | 32.01 | 36.82 | 7.0 | 4.8 | 1.4 |
| 240.0 | 32.04 | 29.77 | 34.30 | 7.1 | 5.0 | 1.4 |
| 245.0 | 29.86 | 27.73 | 32.00 | 7.1 | 5.1 | 1.4 |
| 250.0 | 27.88 | 25.87 | 29.88 | 7.2 | 5.3 | 1.4 |
| 255.0 | 26.05 | 24.16 | 27.95 | 7.3 | 5.4 | 1.3 |
| 260.0 | 24.38 | 22.59 | 26.17 | 7.3 | 5.6 | 1.3 |
| 265.0 | 22.85 | 21.15 | 24.54 | 7.4 | 5.7 | 1.3 |
| 270.0 | 21.43 | 19.83 | 23.03 | 7.5 | 5.9 | 1.3 |
| 275.0 | 20.13 | 18.62 | 21.65 | 7.5 | 6.1 | 1.2 |
| 280.0 | 18.93 | 17.49 | 20.37 | 7.6 | 6.2 | 1.2 |
| 285.0 | 17.82 | 16.46 | 19.19 | 7.6 | 6.4 | 1.2 |
| 290.0 | 16.80 | 15.50 | 18.09 | 7.7 | 6.6 | 1.2 |
| 295.0 | 15.85 | 14.62 | 17.08 | 7.8 | 6.7 | 1.2 |
| 300.0 | 14.97 | 13.80 | 16.14 | 7.8 | 6.9 | 1.1 |

| B57550G0502H000 | | | | | | |
|------------------------|---|-------------------|-------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| -55.0 | 259960 | 240550 | 279360 | 7.5 | 1.2 | 6.4 |
| -50.0 | 189950 | 176490 | 203400 | 7.1 | 1.1 | 6.2 |
| -45.0 | 140350 | 130910 | 149780 | 6.7 | 1.1 | 5.9 |
| -40.0 | 104800 | 98118 | 111480 | 6.4 | 1.1 | 5.7 |
| -35.0 | 79044 | 74264 | 83824 | 6.0 | 1.1 | 5.5 |
| -30.0 | 60186 | 56736 | 63636 | 5.7 | 1.1 | 5.4 |
| -25.0 | 46242 | 43731 | 48753 | 5.4 | 1.0 | 5.2 |
| -20.0 | 35834 | 33992 | 37676 | 5.1 | 1.0 | 5.0 |
| -15.0 | 27996 | 26635 | 29358 | 4.9 | 1.0 | 4.9 |
| -10.0 | 22043 | 21030 | 23057 | 4.6 | 1.0 | 4.7 |
| -5.0 | 17485 | 16726 | 18245 | 4.3 | 1.0 | 4.6 |

| B57550G0502H000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8402 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 0.0 | 13968 | 13396 | 14540 | 4.1 | 0.9 | 4.4 |
| 5.0 | 11234 | 10800 | 11668 | 3.9 | 0.9 | 4.3 |
| 10.0 | 9094 | 8763 | 9424 | 3.6 | 0.9 | 4.2 |
| 15.0 | 7407 | 7154 | 7659 | 3.4 | 0.8 | 4.0 |
| 20.0 | 6068 | 5874 | 6263 | 3.2 | 0.8 | 3.9 |
| 25.0 | 5000 | 4850 | 5150 | 3.0 | 0.8 | 3.8 |
| 30.0 | 4142 | 4010 | 4275 | 3.2 | 0.9 | 3.7 |
| 35.0 | 3450 | 3333 | 3566 | 3.4 | 0.9 | 3.6 |
| 40.0 | 2887 | 2784 | 2990 | 3.6 | 1.0 | 3.5 |
| 45.0 | 2428 | 2337 | 2519 | 3.8 | 1.1 | 3.4 |
| 50.0 | 2051 | 1971 | 2132 | 3.9 | 1.2 | 3.3 |
| 55.0 | 1741 | 1670 | 1812 | 4.1 | 1.3 | 3.2 |
| 60.0 | 1484 | 1420 | 1547 | 4.3 | 1.3 | 3.2 |
| 65.0 | 1270 | 1214 | 1326 | 4.4 | 1.4 | 3.1 |
| 70.0 | 1091 | 1041 | 1141 | 4.6 | 1.5 | 3.0 |
| 75.0 | 940.8 | 896.4 | 985.3 | 4.7 | 1.6 | 2.9 |
| 80.0 | 814.4 | 774.7 | 854.1 | 4.9 | 1.7 | 2.8 |
| 85.0 | 707.5 | 672.0 | 743.0 | 5.0 | 1.8 | 2.8 |
| 90.0 | 616.8 | 585.0 | 648.5 | 5.2 | 1.9 | 2.7 |
| 95.0 | 539.4 | 510.9 | 568.0 | 5.3 | 2.0 | 2.6 |
| 100.0 | 473.3 | 447.6 | 499.0 | 5.4 | 2.1 | 2.6 |
| 105.0 | 416.6 | 393.4 | 439.7 | 5.6 | 2.2 | 2.5 |
| 110.0 | 367.7 | 346.9 | 388.6 | 5.7 | 2.3 | 2.5 |
| 115.0 | 325.6 | 306.7 | 344.5 | 5.8 | 2.4 | 2.4 |
| 120.0 | 289.0 | 271.9 | 306.2 | 5.9 | 2.5 | 2.4 |
| 125.0 | 257.3 | 241.8 | 272.9 | 6.0 | 2.6 | 2.3 |
| 130.0 | 229.7 | 215.6 | 243.8 | 6.2 | 2.7 | 2.2 |
| 135.0 | 205.5 | 192.7 | 218.4 | 6.3 | 2.9 | 2.2 |
| 140.0 | 184.4 | 172.6 | 196.1 | 6.4 | 3.0 | 2.1 |
| 145.0 | 165.8 | 155.1 | 176.5 | 6.5 | 3.1 | 2.1 |
| 150.0 | 149.4 | 139.6 | 159.3 | 6.6 | 3.2 | 2.1 |
| 155.0 | 135.0 | 126.0 | 144.0 | 6.7 | 3.3 | 2.0 |
| 160.0 | 122.2 | 113.9 | 130.5 | 6.8 | 3.4 | 2.0 |
| 165.0 | 110.9 | 103.2 | 118.5 | 6.9 | 3.6 | 1.9 |
| 170.0 | 100.8 | 93.77 | 107.8 | 7.0 | 3.7 | 1.9 |
| 175.0 | 91.82 | 85.33 | 98.31 | 7.1 | 3.8 | 1.8 |
| 180.0 | 83.81 | 77.81 | 89.81 | 7.2 | 4.0 | 1.8 |
| 185.0 | 76.64 | 71.09 | 82.19 | 7.2 | 4.1 | 1.8 |
| 190.0 | 70.21 | 65.06 | 75.36 | 7.3 | 4.2 | 1.7 |
| 195.0 | 64.44 | 59.66 | 69.22 | 7.4 | 4.4 | 1.7 |

| B57550G0502H000 | | | | | | |
|------------------------|---|-------------------|-------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| 200.0 | 59.25 | 54.80 | 63.69 | 7.5 | 4.5 | 1.7 |
| 205.0 | 54.56 | 50.42 | 58.70 | 7.6 | 4.7 | 1.6 |
| 210.0 | 50.33 | 46.48 | 54.19 | 7.7 | 4.8 | 1.6 |
| 215.0 | 46.51 | 42.90 | 50.11 | 7.7 | 4.9 | 1.6 |
| 220.0 | 43.04 | 39.67 | 46.40 | 7.8 | 5.1 | 1.5 |
| 225.0 | 39.89 | 36.74 | 43.04 | 7.9 | 5.2 | 1.5 |
| 230.0 | 37.02 | 34.07 | 39.98 | 8.0 | 5.4 | 1.5 |
| 235.0 | 34.42 | 31.65 | 37.19 | 8.0 | 5.6 | 1.4 |
| 240.0 | 32.04 | 29.44 | 34.64 | 8.1 | 5.7 | 1.4 |
| 245.0 | 29.86 | 27.42 | 32.31 | 8.2 | 5.9 | 1.4 |
| 250.0 | 27.88 | 25.57 | 30.18 | 8.3 | 6.0 | 1.4 |
| 255.0 | 26.05 | 23.89 | 28.22 | 8.3 | 6.2 | 1.3 |
| 260.0 | 24.38 | 22.34 | 26.43 | 8.4 | 6.4 | 1.3 |
| 265.0 | 22.85 | 20.91 | 24.78 | 8.5 | 6.6 | 1.3 |
| 270.0 | 21.43 | 19.61 | 23.26 | 8.5 | 6.7 | 1.3 |
| 275.0 | 20.13 | 18.40 | 21.86 | 8.6 | 6.9 | 1.2 |
| 280.0 | 18.93 | 17.29 | 20.57 | 8.6 | 7.1 | 1.2 |
| 285.0 | 17.82 | 16.27 | 19.37 | 8.7 | 7.3 | 1.2 |
| 290.0 | 16.80 | 15.33 | 18.27 | 8.8 | 7.5 | 1.2 |
| 295.0 | 15.85 | 14.45 | 17.25 | 8.8 | 7.7 | 1.2 |
| 300.0 | 14.97 | 13.64 | 16.30 | 8.9 | 7.8 | 1.1 |

| B57550G0502J000 | | | | | | |
|------------------------|---|-------------------|-------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| -55.0 | 259960 | 235130 | 284790 | 9.6 | 1.5 | 6.4 |
| -50.0 | 189950 | 172540 | 207350 | 9.2 | 1.5 | 6.2 |
| -45.0 | 140350 | 128010 | 152690 | 8.8 | 1.5 | 5.9 |
| -40.0 | 104800 | 95953 | 113650 | 8.4 | 1.5 | 5.7 |
| -35.0 | 79044 | 72637 | 85452 | 8.1 | 1.5 | 5.5 |
| -30.0 | 60186 | 55501 | 64871 | 7.8 | 1.5 | 5.4 |
| -25.0 | 46242 | 42784 | 49699 | 7.5 | 1.4 | 5.2 |
| -20.0 | 35834 | 33260 | 38408 | 7.2 | 1.4 | 5.0 |
| -15.0 | 27996 | 26065 | 29928 | 6.9 | 1.4 | 4.9 |
| -10.0 | 22043 | 20582 | 23505 | 6.6 | 1.4 | 4.7 |
| -5.0 | 17485 | 16372 | 18599 | 6.4 | 1.4 | 4.6 |
| 0.0 | 13968 | 13114 | 14823 | 6.1 | 1.4 | 4.4 |
| 5.0 | 11234 | 10574 | 11894 | 5.9 | 1.4 | 4.3 |

| B57550G0502J000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8402 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 10.0 | 9094 | 8580 | 9607 | 5.6 | 1.4 | 4.2 |
| 15.0 | 7407 | 7005 | 7808 | 5.4 | 1.3 | 4.0 |
| 20.0 | 6068 | 5752 | 6384 | 5.2 | 1.3 | 3.9 |
| 25.0 | 5000 | 4750 | 5250 | 5.0 | 1.3 | 3.8 |
| 30.0 | 4142 | 3927 | 4358 | 5.2 | 1.4 | 3.7 |
| 35.0 | 3450 | 3263 | 3636 | 5.4 | 1.5 | 3.6 |
| 40.0 | 2887 | 2726 | 3048 | 5.6 | 1.6 | 3.5 |
| 45.0 | 2428 | 2288 | 2568 | 5.8 | 1.7 | 3.4 |
| 50.0 | 2051 | 1929 | 2173 | 5.9 | 1.8 | 3.3 |
| 55.0 | 1741 | 1634 | 1847 | 6.1 | 1.9 | 3.2 |
| 60.0 | 1484 | 1390 | 1577 | 6.3 | 2.0 | 3.2 |
| 65.0 | 1270 | 1188 | 1352 | 6.4 | 2.1 | 3.1 |
| 70.0 | 1091 | 1019 | 1163 | 6.6 | 2.2 | 3.0 |
| 75.0 | 940.8 | 877.2 | 1004 | 6.8 | 2.3 | 2.9 |
| 80.0 | 814.4 | 758.2 | 870.7 | 6.9 | 2.4 | 2.8 |
| 85.0 | 707.5 | 657.6 | 757.4 | 7.1 | 2.5 | 2.8 |
| 90.0 | 616.8 | 572.4 | 661.1 | 7.2 | 2.7 | 2.7 |
| 95.0 | 539.4 | 499.8 | 579.0 | 7.3 | 2.8 | 2.6 |
| 100.0 | 473.3 | 437.9 | 508.7 | 7.5 | 2.9 | 2.6 |
| 105.0 | 416.6 | 384.9 | 448.2 | 7.6 | 3.0 | 2.5 |
| 110.0 | 367.7 | 339.3 | 396.2 | 7.7 | 3.1 | 2.5 |
| 115.0 | 325.6 | 300.0 | 351.1 | 7.9 | 3.3 | 2.4 |
| 120.0 | 289.0 | 266.0 | 312.1 | 8.0 | 3.4 | 2.4 |
| 125.0 | 257.3 | 236.5 | 278.2 | 8.1 | 3.5 | 2.3 |
| 130.0 | 229.7 | 210.8 | 248.5 | 8.2 | 3.7 | 2.2 |
| 135.0 | 205.5 | 188.4 | 222.6 | 8.3 | 3.8 | 2.2 |
| 140.0 | 184.4 | 168.8 | 199.9 | 8.4 | 3.9 | 2.1 |
| 145.0 | 165.8 | 151.6 | 180.0 | 8.5 | 4.1 | 2.1 |
| 150.0 | 149.4 | 136.5 | 162.4 | 8.7 | 4.2 | 2.1 |
| 155.0 | 135.0 | 123.2 | 146.8 | 8.8 | 4.4 | 2.0 |
| 160.0 | 122.2 | 111.4 | 133.0 | 8.9 | 4.5 | 2.0 |
| 165.0 | 110.9 | 100.9 | 120.8 | 9.0 | 4.6 | 1.9 |
| 170.0 | 100.8 | 91.67 | 109.9 | 9.1 | 4.8 | 1.9 |
| 175.0 | 91.82 | 83.42 | 100.2 | 9.1 | 5.0 | 1.8 |
| 180.0 | 83.81 | 76.07 | 91.55 | 9.2 | 5.1 | 1.8 |
| 185.0 | 76.64 | 69.49 | 83.79 | 9.3 | 5.3 | 1.8 |
| 190.0 | 70.21 | 63.60 | 76.83 | 9.4 | 5.4 | 1.7 |
| 195.0 | 64.44 | 58.32 | 70.57 | 9.5 | 5.6 | 1.7 |
| 200.0 | 59.25 | 53.56 | 64.93 | 9.6 | 5.8 | 1.7 |
| 205.0 | 54.56 | 49.28 | 59.84 | 9.7 | 5.9 | 1.6 |

| B57550G0502J000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8402 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| 210.0 | 50.33 | 45.42 | 55.24 | 9.8 | 6.1 | 1.6 |
| 215.0 | 46.51 | 41.93 | 51.08 | 9.8 | 6.3 | 1.6 |
| 220.0 | 43.04 | 38.77 | 47.31 | 9.9 | 6.5 | 1.5 |
| 225.0 | 39.89 | 35.90 | 43.87 | 10.0 | 6.6 | 1.5 |
| 230.0 | 37.02 | 33.30 | 40.75 | 10.1 | 6.8 | 1.5 |
| 235.0 | 34.42 | 30.93 | 37.91 | 10.1 | 7.0 | 1.4 |
| 240.0 | 32.04 | 28.76 | 35.31 | 10.2 | 7.2 | 1.4 |
| 245.0 | 29.86 | 26.79 | 32.94 | 10.3 | 7.4 | 1.4 |
| 250.0 | 27.88 | 24.99 | 30.76 | 10.4 | 7.6 | 1.4 |
| 255.0 | 26.05 | 23.34 | 28.77 | 10.4 | 7.8 | 1.3 |
| 260.0 | 24.38 | 21.82 | 26.94 | 10.5 | 8.0 | 1.3 |
| 265.0 | 22.85 | 20.43 | 25.26 | 10.6 | 8.2 | 1.3 |
| 270.0 | 21.43 | 19.16 | 23.71 | 10.6 | 8.4 | 1.3 |
| 275.0 | 20.13 | 17.98 | 22.28 | 10.7 | 8.6 | 1.2 |
| 280.0 | 18.93 | 16.90 | 20.97 | 10.8 | 8.8 | 1.2 |
| 285.0 | 17.82 | 15.89 | 19.75 | 10.8 | 9.0 | 1.2 |
| 290.0 | 16.80 | 14.97 | 18.62 | 10.9 | 9.3 | 1.2 |
| 295.0 | 15.85 | 14.12 | 17.58 | 10.9 | 9.5 | 1.2 |
| 300.0 | 14.97 | 13.32 | 16.61 | 11.0 | 9.7 | 1.1 |

| B57550G0103F000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|--------------------------|-----------------|
| R/T No. | 8407 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 10000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm\text{°C}]$ | $\alpha (\%/K)$ |
| -55.0 | 519910 | 491950 | 547870 | 5.4 | 0.8 | 6.4 |
| -50.0 | 379890 | 360880 | 398910 | 5.0 | 0.8 | 6.2 |
| -45.0 | 280700 | 267640 | 293750 | 4.7 | 0.8 | 5.9 |
| -40.0 | 209600 | 200570 | 218640 | 4.3 | 0.8 | 5.7 |
| -35.0 | 158090 | 151780 | 164390 | 4.0 | 0.7 | 5.5 |
| -30.0 | 120370 | 115940 | 124800 | 3.7 | 0.7 | 5.4 |
| -25.0 | 92484 | 89355 | 95612 | 3.4 | 0.7 | 5.2 |
| -20.0 | 71668 | 69447 | 73889 | 3.1 | 0.6 | 5.0 |
| -15.0 | 55993 | 54410 | 57576 | 2.8 | 0.6 | 4.9 |
| -10.0 | 44087 | 42955 | 45218 | 2.6 | 0.5 | 4.7 |
| -5.0 | 34971 | 34161 | 35780 | 2.3 | 0.5 | 4.6 |
| 0.0 | 27936 | 27356 | 28516 | 2.1 | 0.5 | 4.4 |
| 5.0 | 22468 | 22054 | 22882 | 1.8 | 0.4 | 4.3 |
| 10.0 | 18187 | 17892 | 18482 | 1.6 | 0.4 | 4.2 |
| 15.0 | 14813 | 14605 | 15021 | 1.4 | 0.3 | 4.0 |

| B57550G0103F000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 20.0 | 12136 | 11991 | 12282 | 1.2 | 0.3 | 3.9 |
| 25.0 | 10000 | 9900 | 10100 | 1.0 | 0.3 | 3.8 |
| 30.0 | 8284 | 8186 | 8383 | 1.2 | 0.3 | 3.7 |
| 35.0 | 6899 | 6804 | 6994 | 1.4 | 0.4 | 3.6 |
| 40.0 | 5774 | 5684 | 5864 | 1.6 | 0.4 | 3.5 |
| 45.0 | 4856 | 4772 | 4940 | 1.7 | 0.5 | 3.4 |
| 50.0 | 4103 | 4024 | 4181 | 1.9 | 0.6 | 3.3 |
| 55.0 | 3482 | 3409 | 3554 | 2.1 | 0.6 | 3.2 |
| 60.0 | 2967 | 2901 | 3034 | 2.2 | 0.7 | 3.2 |
| 65.0 | 2539 | 2479 | 2600 | 2.4 | 0.8 | 3.1 |
| 70.0 | 2182 | 2126 | 2237 | 2.5 | 0.8 | 3.0 |
| 75.0 | 1882 | 1831 | 1932 | 2.7 | 0.9 | 2.9 |
| 80.0 | 1629 | 1583 | 1675 | 2.8 | 1.0 | 2.8 |
| 85.0 | 1415 | 1373 | 1457 | 3.0 | 1.1 | 2.8 |
| 90.0 | 1234 | 1195 | 1272 | 3.1 | 1.1 | 2.7 |
| 95.0 | 1079 | 1044 | 1114 | 3.2 | 1.2 | 2.6 |
| 100.0 | 946.6 | 914.6 | 978.6 | 3.4 | 1.3 | 2.6 |
| 105.0 | 833.1 | 803.9 | 862.3 | 3.5 | 1.4 | 2.5 |
| 110.0 | 735.5 | 708.8 | 762.1 | 3.6 | 1.5 | 2.5 |
| 115.0 | 651.1 | 626.7 | 675.5 | 3.7 | 1.6 | 2.4 |
| 120.0 | 578.1 | 555.8 | 600.4 | 3.9 | 1.6 | 2.4 |
| 125.0 | 514.6 | 494.2 | 535.1 | 4.0 | 1.7 | 2.3 |
| 130.0 | 459.4 | 440.6 | 478.1 | 4.1 | 1.8 | 2.2 |
| 135.0 | 411.1 | 393.8 | 428.3 | 4.2 | 1.9 | 2.2 |
| 140.0 | 368.8 | 352.9 | 384.6 | 4.3 | 2.0 | 2.1 |
| 145.0 | 331.6 | 317.0 | 346.2 | 4.4 | 2.1 | 2.1 |
| 150.0 | 298.9 | 285.4 | 312.3 | 4.5 | 2.2 | 2.1 |
| 155.0 | 270.0 | 257.5 | 282.4 | 4.6 | 2.3 | 2.0 |
| 160.0 | 244.4 | 232.9 | 255.9 | 4.7 | 2.4 | 2.0 |
| 165.0 | 221.7 | 211.1 | 232.4 | 4.8 | 2.5 | 1.9 |
| 170.0 | 201.6 | 191.7 | 211.5 | 4.9 | 2.6 | 1.9 |
| 175.0 | 183.6 | 174.5 | 192.8 | 5.0 | 2.7 | 1.8 |
| 180.0 | 167.6 | 159.1 | 176.1 | 5.1 | 2.8 | 1.8 |
| 185.0 | 153.3 | 145.4 | 161.2 | 5.2 | 2.9 | 1.8 |
| 190.0 | 140.4 | 133.1 | 147.8 | 5.3 | 3.0 | 1.7 |
| 195.0 | 128.9 | 122.0 | 135.8 | 5.3 | 3.1 | 1.7 |
| 200.0 | 118.5 | 112.1 | 124.9 | 5.4 | 3.3 | 1.7 |
| 205.0 | 109.1 | 103.1 | 115.1 | 5.5 | 3.4 | 1.6 |
| 210.0 | 100.7 | 95.05 | 106.3 | 5.6 | 3.5 | 1.6 |
| 215.0 | 93.01 | 87.76 | 98.27 | 5.7 | 3.6 | 1.6 |

| B57550G0103F000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 220.0 | 86.08 | 81.14 | 91.01 | 5.7 | 3.7 | 1.5 |
| 225.0 | 79.78 | 75.15 | 84.41 | 5.8 | 3.9 | 1.5 |
| 230.0 | 74.05 | 69.70 | 78.40 | 5.9 | 4.0 | 1.5 |
| 235.0 | 68.83 | 64.74 | 72.93 | 5.9 | 4.1 | 1.4 |
| 240.0 | 64.08 | 60.22 | 67.93 | 6.0 | 4.2 | 1.4 |
| 245.0 | 59.73 | 56.09 | 63.36 | 6.1 | 4.4 | 1.4 |
| 250.0 | 55.75 | 52.32 | 59.18 | 6.2 | 4.5 | 1.4 |
| 255.0 | 52.11 | 48.87 | 55.35 | 6.2 | 4.6 | 1.3 |
| 260.0 | 48.76 | 45.70 | 51.83 | 6.3 | 4.8 | 1.3 |
| 265.0 | 45.69 | 42.79 | 48.59 | 6.3 | 4.9 | 1.3 |
| 270.0 | 42.87 | 40.12 | 45.61 | 6.4 | 5.1 | 1.3 |
| 275.0 | 40.26 | 37.66 | 42.87 | 6.5 | 5.2 | 1.2 |
| 280.0 | 37.86 | 35.39 | 40.34 | 6.5 | 5.4 | 1.2 |
| 285.0 | 35.64 | 33.29 | 38.00 | 6.6 | 5.5 | 1.2 |
| 290.0 | 33.59 | 31.36 | 35.83 | 6.7 | 5.7 | 1.2 |
| 295.0 | 31.70 | 29.57 | 33.82 | 6.7 | 5.8 | 1.2 |
| 300.0 | 29.94 | 27.91 | 31.96 | 6.8 | 6.0 | 1.1 |

| B57541G0103G000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 519910 | 486530 | 553300 | 6.4 | 1.0 | 6.4 |
| -50.0 | 379890 | 356930 | 402860 | 6.0 | 1.0 | 6.2 |
| -45.0 | 280700 | 264740 | 296660 | 5.7 | 1.0 | 5.9 |
| -40.0 | 209600 | 198400 | 220800 | 5.3 | 0.9 | 5.7 |
| -35.0 | 158090 | 150160 | 166020 | 5.0 | 0.9 | 5.5 |
| -30.0 | 120370 | 114710 | 126040 | 4.7 | 0.9 | 5.4 |
| -25.0 | 92484 | 88409 | 96559 | 4.4 | 0.8 | 5.2 |
| -20.0 | 71668 | 68716 | 74621 | 4.1 | 0.8 | 5.0 |
| -15.0 | 55993 | 53839 | 58146 | 3.8 | 0.8 | 4.9 |
| -10.0 | 44087 | 42508 | 45666 | 3.6 | 0.8 | 4.7 |
| -5.0 | 34971 | 33806 | 36135 | 3.3 | 0.7 | 4.6 |
| 0.0 | 27936 | 27074 | 28798 | 3.1 | 0.7 | 4.4 |
| 5.0 | 22468 | 21827 | 23109 | 2.9 | 0.7 | 4.3 |
| 10.0 | 18187 | 17709 | 18665 | 2.6 | 0.6 | 4.2 |
| 15.0 | 14813 | 14456 | 15170 | 2.4 | 0.6 | 4.0 |
| 20.0 | 12136 | 11869 | 12404 | 2.2 | 0.6 | 3.9 |
| 25.0 | 10000 | 9800 | 10200 | 2.0 | 0.5 | 3.8 |

| B57541G0103G000 | | | | | | |
|------------------------|--|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8407 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}, R_{25} = 10000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 30.0 | 8284 | 8103 | 8466 | 2.2 | 0.6 | 3.7 |
| 35.0 | 6899 | 6735 | 7064 | 2.4 | 0.7 | 3.6 |
| 40.0 | 5774 | 5626 | 5922 | 2.6 | 0.7 | 3.5 |
| 45.0 | 4856 | 4723 | 4989 | 2.7 | 0.8 | 3.4 |
| 50.0 | 4103 | 3983 | 4222 | 2.9 | 0.9 | 3.3 |
| 55.0 | 3482 | 3374 | 3589 | 3.1 | 1.0 | 3.2 |
| 60.0 | 2967 | 2871 | 3064 | 3.2 | 1.0 | 3.2 |
| 65.0 | 2539 | 2453 | 2626 | 3.4 | 1.1 | 3.1 |
| 70.0 | 2182 | 2104 | 2259 | 3.6 | 1.2 | 3.0 |
| 75.0 | 1882 | 1812 | 1951 | 3.7 | 1.3 | 2.9 |
| 80.0 | 1629 | 1566 | 1692 | 3.9 | 1.4 | 2.8 |
| 85.0 | 1415 | 1358 | 1472 | 4.0 | 1.4 | 2.8 |
| 90.0 | 1234 | 1183 | 1285 | 4.1 | 1.5 | 2.7 |
| 95.0 | 1079 | 1033 | 1125 | 4.3 | 1.6 | 2.6 |
| 100.0 | 946.6 | 904.9 | 988.2 | 4.4 | 1.7 | 2.6 |
| 105.0 | 833.1 | 795.4 | 870.9 | 4.5 | 1.8 | 2.5 |
| 110.0 | 735.5 | 701.3 | 769.7 | 4.7 | 1.9 | 2.5 |
| 115.0 | 651.1 | 620.1 | 682.2 | 4.8 | 2.0 | 2.4 |
| 120.0 | 578.1 | 549.8 | 606.4 | 4.9 | 2.1 | 2.4 |
| 125.0 | 514.6 | 488.9 | 540.4 | 5.0 | 2.2 | 2.3 |
| 130.0 | 459.4 | 435.8 | 482.9 | 5.1 | 2.3 | 2.2 |
| 135.0 | 411.1 | 389.6 | 432.6 | 5.2 | 2.4 | 2.2 |
| 140.0 | 368.8 | 349.1 | 388.4 | 5.3 | 2.5 | 2.1 |
| 145.0 | 331.6 | 313.5 | 349.6 | 5.4 | 2.6 | 2.1 |
| 150.0 | 298.9 | 282.3 | 315.4 | 5.5 | 2.7 | 2.1 |
| 155.0 | 270.0 | 254.7 | 285.2 | 5.6 | 2.8 | 2.0 |
| 160.0 | 244.4 | 230.4 | 258.5 | 5.7 | 2.9 | 2.0 |
| 165.0 | 221.7 | 208.8 | 234.7 | 5.8 | 3.0 | 1.9 |
| 170.0 | 201.6 | 189.6 | 213.6 | 5.9 | 3.1 | 1.9 |
| 175.0 | 183.6 | 172.6 | 194.7 | 6.0 | 3.3 | 1.8 |
| 180.0 | 167.6 | 157.4 | 177.9 | 6.1 | 3.4 | 1.8 |
| 185.0 | 153.3 | 143.8 | 162.8 | 6.2 | 3.5 | 1.8 |
| 190.0 | 140.4 | 131.6 | 149.3 | 6.3 | 3.6 | 1.7 |
| 195.0 | 128.9 | 120.7 | 137.1 | 6.4 | 3.8 | 1.7 |
| 200.0 | 118.5 | 110.8 | 126.1 | 6.5 | 3.9 | 1.7 |
| 205.0 | 109.1 | 102.0 | 116.3 | 6.5 | 4.0 | 1.6 |
| 210.0 | 100.7 | 94.00 | 107.3 | 6.6 | 4.1 | 1.6 |
| 215.0 | 93.01 | 86.78 | 99.24 | 6.7 | 4.3 | 1.6 |
| 220.0 | 86.08 | 80.24 | 91.91 | 6.8 | 4.4 | 1.5 |
| 225.0 | 79.78 | 74.31 | 85.24 | 6.9 | 4.6 | 1.5 |

| B57541G0103G000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 230.0 | 74.05 | 68.92 | 79.18 | 6.9 | 4.7 | 1.5 |
| 235.0 | 68.83 | 64.02 | 73.65 | 7.0 | 4.8 | 1.4 |
| 240.0 | 64.08 | 59.55 | 68.60 | 7.1 | 5.0 | 1.4 |
| 245.0 | 59.73 | 55.47 | 63.99 | 7.1 | 5.1 | 1.4 |
| 250.0 | 55.75 | 51.73 | 59.77 | 7.2 | 5.3 | 1.4 |
| B57550G0103H000 | | | | | | |
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 519910 | 481100 | 558720 | 7.5 | 1.2 | 6.4 |
| -50.0 | 379890 | 352980 | 406810 | 7.1 | 1.1 | 6.2 |
| -45.0 | 280700 | 261830 | 299570 | 6.7 | 1.1 | 5.9 |
| -40.0 | 209600 | 196240 | 222970 | 6.4 | 1.1 | 5.7 |
| -35.0 | 158090 | 148530 | 167650 | 6.0 | 1.1 | 5.5 |
| -30.0 | 120370 | 113470 | 127270 | 5.7 | 1.1 | 5.4 |
| -25.0 | 92484 | 87462 | 97505 | 5.4 | 1.0 | 5.2 |
| -20.0 | 71668 | 67984 | 75352 | 5.1 | 1.0 | 5.0 |
| -15.0 | 55993 | 53269 | 58716 | 4.9 | 1.0 | 4.9 |
| -10.0 | 44087 | 42060 | 46114 | 4.6 | 1.0 | 4.7 |
| -5.0 | 34971 | 33452 | 36489 | 4.3 | 1.0 | 4.6 |
| 0.0 | 27936 | 26792 | 29081 | 4.1 | 0.9 | 4.4 |
| 5.0 | 22468 | 21601 | 23335 | 3.9 | 0.9 | 4.3 |
| 10.0 | 18187 | 17526 | 18848 | 3.6 | 0.9 | 4.2 |
| 15.0 | 14813 | 14307 | 15319 | 3.4 | 0.8 | 4.0 |
| 20.0 | 12136 | 11748 | 12525 | 3.2 | 0.8 | 3.9 |
| 25.0 | 10000 | 9700 | 10300 | 3.0 | 0.8 | 3.8 |
| 30.0 | 8284 | 8020 | 8549 | 3.2 | 0.9 | 3.7 |
| 35.0 | 6899 | 6665 | 7133 | 3.4 | 0.9 | 3.6 |
| 40.0 | 5774 | 5568 | 5980 | 3.6 | 1.0 | 3.5 |
| 45.0 | 4856 | 4674 | 5038 | 3.8 | 1.1 | 3.4 |
| 50.0 | 4103 | 3942 | 4264 | 3.9 | 1.2 | 3.3 |
| 55.0 | 3482 | 3339 | 3624 | 4.1 | 1.3 | 3.2 |
| 60.0 | 2967 | 2841 | 3094 | 4.3 | 1.3 | 3.2 |
| 65.0 | 2539 | 2427 | 2652 | 4.4 | 1.4 | 3.1 |
| 70.0 | 2182 | 2082 | 2282 | 4.6 | 1.5 | 3.0 |
| 75.0 | 1882 | 1793 | 1971 | 4.7 | 1.6 | 2.9 |
| 80.0 | 1629 | 1549 | 1708 | 4.9 | 1.7 | 2.8 |
| 85.0 | 1415 | 1344 | 1486 | 5.0 | 1.8 | 2.8 |

| B57550G0103H000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8407 | | | | | |
| T (°C) | $B_{0/100} = 3450 \text{ K}$, $R_{25} = 10000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 90.0 | 1234 | 1170 | 1297 | 5.2 | 1.9 | 2.7 |
| 95.0 | 1079 | 1022 | 1136 | 5.3 | 2.0 | 2.6 |
| 100.0 | 946.6 | 895.3 | 997.9 | 5.4 | 2.1 | 2.6 |
| 105.0 | 833.1 | 786.9 | 879.4 | 5.6 | 2.2 | 2.5 |
| 110.0 | 735.5 | 693.7 | 777.2 | 5.7 | 2.3 | 2.5 |
| 115.0 | 651.1 | 613.4 | 688.9 | 5.8 | 2.4 | 2.4 |
| 120.0 | 578.1 | 543.9 | 612.3 | 5.9 | 2.5 | 2.4 |
| 125.0 | 514.6 | 483.6 | 545.7 | 6.0 | 2.6 | 2.3 |
| 130.0 | 459.4 | 431.1 | 487.6 | 6.2 | 2.7 | 2.2 |
| 135.0 | 411.1 | 385.3 | 436.8 | 6.3 | 2.9 | 2.2 |
| 140.0 | 368.8 | 345.3 | 392.2 | 6.4 | 3.0 | 2.1 |
| 145.0 | 331.6 | 310.1 | 353.1 | 6.5 | 3.1 | 2.1 |
| 150.0 | 298.9 | 279.2 | 318.5 | 6.6 | 3.2 | 2.1 |
| 155.0 | 270.0 | 251.9 | 288.0 | 6.7 | 3.3 | 2.0 |
| 160.0 | 244.4 | 227.8 | 261.0 | 6.8 | 3.4 | 2.0 |
| 165.0 | 221.7 | 206.5 | 237.0 | 6.9 | 3.6 | 1.9 |
| 170.0 | 201.6 | 187.5 | 215.7 | 7.0 | 3.7 | 1.9 |
| 175.0 | 183.6 | 170.7 | 196.6 | 7.1 | 3.8 | 1.8 |
| 180.0 | 167.6 | 155.6 | 179.6 | 7.2 | 4.0 | 1.8 |
| 185.0 | 153.3 | 142.2 | 164.4 | 7.2 | 4.1 | 1.8 |
| 190.0 | 140.4 | 130.1 | 150.7 | 7.3 | 4.2 | 1.7 |
| 195.0 | 128.9 | 119.3 | 138.4 | 7.4 | 4.4 | 1.7 |
| 200.0 | 118.5 | 109.6 | 127.4 | 7.5 | 4.5 | 1.7 |
| 205.0 | 109.1 | 100.8 | 117.4 | 7.6 | 4.7 | 1.6 |
| 210.0 | 100.7 | 92.95 | 108.4 | 7.7 | 4.8 | 1.6 |
| 215.0 | 93.01 | 85.81 | 100.2 | 7.7 | 4.9 | 1.6 |
| 220.0 | 86.08 | 79.34 | 92.81 | 7.8 | 5.1 | 1.5 |
| 225.0 | 79.78 | 73.48 | 86.08 | 7.9 | 5.2 | 1.5 |
| 230.0 | 74.05 | 68.15 | 79.95 | 8.0 | 5.4 | 1.5 |
| 235.0 | 68.83 | 63.30 | 74.37 | 8.0 | 5.6 | 1.4 |
| 240.0 | 64.08 | 58.87 | 69.28 | 8.1 | 5.7 | 1.4 |
| 245.0 | 59.73 | 54.84 | 64.62 | 8.2 | 5.9 | 1.4 |
| 250.0 | 55.75 | 51.15 | 60.35 | 8.3 | 6.0 | 1.4 |
| 255.0 | 52.11 | 47.77 | 56.44 | 8.3 | 6.2 | 1.3 |
| 260.0 | 48.76 | 44.67 | 52.85 | 8.4 | 6.4 | 1.3 |
| 265.0 | 45.69 | 41.83 | 49.56 | 8.5 | 6.6 | 1.3 |
| 270.0 | 42.87 | 39.21 | 46.52 | 8.5 | 6.7 | 1.3 |
| 275.0 | 40.26 | 36.81 | 43.72 | 8.6 | 6.9 | 1.2 |
| 280.0 | 37.86 | 34.59 | 41.13 | 8.6 | 7.1 | 1.2 |
| 285.0 | 35.64 | 32.54 | 38.75 | 8.7 | 7.3 | 1.2 |

| B57550G0103H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 290.0 | 33.59 | 30.65 | 36.54 | 8.8 | 7.5 | 1.2 |
| 295.0 | 31.70 | 28.90 | 34.49 | 8.8 | 7.7 | 1.2 |
| 300.0 | 29.94 | 27.28 | 32.60 | 8.9 | 7.8 | 1.1 |
| B57550G0103J000 | | | | | | |
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 519910 | 470250 | 569570 | 9.6 | 1.5 | 6.4 |
| -50.0 | 379890 | 345080 | 414710 | 9.2 | 1.5 | 6.2 |
| -45.0 | 280700 | 256010 | 305380 | 8.8 | 1.5 | 5.9 |
| -40.0 | 209600 | 191910 | 227300 | 8.4 | 1.5 | 5.7 |
| -35.0 | 158090 | 145270 | 170900 | 8.1 | 1.5 | 5.5 |
| -30.0 | 120370 | 111000 | 129740 | 7.8 | 1.5 | 5.4 |
| -25.0 | 92484 | 85569 | 99399 | 7.5 | 1.4 | 5.2 |
| -20.0 | 71668 | 66521 | 76816 | 7.2 | 1.4 | 5.0 |
| -15.0 | 55993 | 52129 | 59856 | 6.9 | 1.4 | 4.9 |
| -10.0 | 44087 | 41164 | 47009 | 6.6 | 1.4 | 4.7 |
| -5.0 | 34971 | 32744 | 37198 | 6.4 | 1.4 | 4.6 |
| 0.0 | 27936 | 26227 | 29645 | 6.1 | 1.4 | 4.4 |
| 5.0 | 22468 | 21147 | 23788 | 5.9 | 1.4 | 4.3 |
| 10.0 | 18187 | 17160 | 19214 | 5.6 | 1.4 | 4.2 |
| 15.0 | 14813 | 14010 | 15616 | 5.4 | 1.3 | 4.0 |
| 20.0 | 12136 | 11504 | 12768 | 5.2 | 1.3 | 3.9 |
| 25.0 | 10000 | 9500 | 10500 | 5.0 | 1.3 | 3.8 |
| 30.0 | 8284 | 7854 | 8715 | 5.2 | 1.4 | 3.7 |
| 35.0 | 6899 | 6527 | 7271 | 5.4 | 1.5 | 3.6 |
| 40.0 | 5774 | 5452 | 6097 | 5.6 | 1.6 | 3.5 |
| 45.0 | 4856 | 4576 | 5136 | 5.8 | 1.7 | 3.4 |
| 50.0 | 4103 | 3859 | 4347 | 5.9 | 1.8 | 3.3 |
| 55.0 | 3482 | 3269 | 3695 | 6.1 | 1.9 | 3.2 |
| 60.0 | 2967 | 2781 | 3154 | 6.3 | 2.0 | 3.2 |
| 65.0 | 2539 | 2376 | 2703 | 6.4 | 2.1 | 3.1 |
| 70.0 | 2182 | 2038 | 2326 | 6.6 | 2.2 | 3.0 |
| 75.0 | 1882 | 1754 | 2009 | 6.8 | 2.3 | 2.9 |
| 80.0 | 1629 | 1516 | 1741 | 6.9 | 2.4 | 2.8 |
| 85.0 | 1415 | 1315 | 1515 | 7.1 | 2.5 | 2.8 |
| 90.0 | 1234 | 1145 | 1322 | 7.2 | 2.7 | 2.7 |
| 95.0 | 1079 | 999.7 | 1158 | 7.3 | 2.8 | 2.6 |

| B57550G0103J000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 100.0 | 946.6 | 875.9 | 1017 | 7.5 | 2.9 | 2.6 |
| 105.0 | 833.1 | 769.8 | 896.5 | 7.6 | 3.0 | 2.5 |
| 110.0 | 735.5 | 678.6 | 792.3 | 7.7 | 3.1 | 2.5 |
| 115.0 | 651.1 | 600.0 | 702.3 | 7.9 | 3.3 | 2.4 |
| 120.0 | 578.1 | 532.0 | 624.2 | 8.0 | 3.4 | 2.4 |
| 125.0 | 514.6 | 473.0 | 556.3 | 8.1 | 3.5 | 2.3 |
| 130.0 | 459.4 | 421.6 | 497.1 | 8.2 | 3.7 | 2.2 |
| 135.0 | 411.1 | 376.8 | 445.3 | 8.3 | 3.8 | 2.2 |
| 140.0 | 368.8 | 337.6 | 399.9 | 8.4 | 3.9 | 2.1 |
| 145.0 | 331.6 | 303.3 | 359.9 | 8.5 | 4.1 | 2.1 |
| 150.0 | 298.9 | 273.0 | 324.7 | 8.7 | 4.2 | 2.1 |
| 155.0 | 270.0 | 246.3 | 293.6 | 8.8 | 4.4 | 2.0 |
| 160.0 | 244.4 | 222.8 | 266.1 | 8.9 | 4.5 | 2.0 |
| 165.0 | 221.7 | 201.9 | 241.6 | 9.0 | 4.6 | 1.9 |
| 170.0 | 201.6 | 183.3 | 219.8 | 9.1 | 4.8 | 1.9 |
| 175.0 | 183.6 | 166.8 | 200.4 | 9.1 | 5.0 | 1.8 |
| 180.0 | 167.6 | 152.1 | 183.1 | 9.2 | 5.1 | 1.8 |
| 185.0 | 153.3 | 139.0 | 167.6 | 9.3 | 5.3 | 1.8 |
| 190.0 | 140.4 | 127.2 | 153.7 | 9.4 | 5.4 | 1.7 |
| 195.0 | 128.9 | 116.6 | 141.1 | 9.5 | 5.6 | 1.7 |
| 200.0 | 118.5 | 107.1 | 129.9 | 9.6 | 5.8 | 1.7 |
| 205.0 | 109.1 | 98.57 | 119.7 | 9.7 | 5.9 | 1.6 |
| 210.0 | 100.7 | 90.85 | 110.5 | 9.8 | 6.1 | 1.6 |
| 215.0 | 93.01 | 83.86 | 102.2 | 9.8 | 6.3 | 1.6 |
| 220.0 | 86.08 | 77.54 | 94.61 | 9.9 | 6.5 | 1.5 |
| 225.0 | 79.78 | 71.80 | 87.75 | 10.0 | 6.6 | 1.5 |
| 230.0 | 74.05 | 66.59 | 81.51 | 10.1 | 6.8 | 1.5 |
| 235.0 | 68.83 | 61.85 | 75.82 | 10.1 | 7.0 | 1.4 |
| 240.0 | 64.08 | 57.53 | 70.62 | 10.2 | 7.2 | 1.4 |
| 245.0 | 59.73 | 53.58 | 65.87 | 10.3 | 7.4 | 1.4 |
| 250.0 | 55.75 | 49.98 | 61.53 | 10.4 | 7.6 | 1.4 |
| 255.0 | 52.11 | 46.67 | 57.54 | 10.4 | 7.8 | 1.3 |
| 260.0 | 48.76 | 43.65 | 53.88 | 10.5 | 8.0 | 1.3 |
| 265.0 | 45.69 | 40.87 | 50.52 | 10.6 | 8.2 | 1.3 |
| 270.0 | 42.87 | 38.31 | 47.42 | 10.6 | 8.4 | 1.3 |
| 275.0 | 40.26 | 35.96 | 44.57 | 10.7 | 8.6 | 1.2 |
| 280.0 | 37.86 | 33.79 | 41.93 | 10.8 | 8.8 | 1.2 |
| 285.0 | 35.64 | 31.79 | 39.50 | 10.8 | 9.0 | 1.2 |
| 290.0 | 33.59 | 29.94 | 37.25 | 10.9 | 9.3 | 1.2 |
| 295.0 | 31.70 | 28.23 | 35.16 | 10.9 | 9.5 | 1.2 |

| B57550G0103J000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8407 | | | | | |
| T (°C) | B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 300.0 | 29.94 | 26.65 | 33.23 | 11.0 | 9.7 | 1.1 |
| B57550G0203F000 | | | | | | |
| R/T No. | 8415 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 20000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 2065700 | 1940700 | 2190800 | 6.1 | 0.8 | 7.6 |
| -50.0 | 1421600 | 1341700 | 1501500 | 5.6 | 0.8 | 7.3 |
| -45.0 | 992390 | 940670 | 1044100 | 5.2 | 0.7 | 7.1 |
| -40.0 | 702160 | 668310 | 736000 | 4.8 | 0.7 | 6.8 |
| -35.0 | 503150 | 480790 | 525520 | 4.4 | 0.7 | 6.5 |
| -30.0 | 364900 | 349980 | 379820 | 4.1 | 0.6 | 6.3 |
| -25.0 | 267660 | 257630 | 277680 | 3.7 | 0.6 | 6.1 |
| -20.0 | 198440 | 191660 | 205230 | 3.4 | 0.6 | 5.9 |
| -15.0 | 148630 | 144020 | 153250 | 3.1 | 0.5 | 5.7 |
| -10.0 | 112400 | 109250 | 115560 | 2.8 | 0.5 | 5.5 |
| -5.0 | 85788 | 83630 | 87947 | 2.5 | 0.5 | 5.3 |
| 0.0 | 66048 | 64570 | 67526 | 2.2 | 0.4 | 5.2 |
| 5.0 | 51214 | 50204 | 52223 | 2.0 | 0.4 | 5.0 |
| 10.0 | 40034 | 39347 | 40720 | 1.7 | 0.4 | 4.8 |
| 15.0 | 31537 | 31074 | 32000 | 1.5 | 0.3 | 4.7 |
| 20.0 | 25027 | 24719 | 25334 | 1.2 | 0.3 | 4.6 |
| 25.0 | 20000 | 19800 | 20200 | 1.0 | 0.2 | 4.4 |
| 30.0 | 16090 | 15894 | 16287 | 1.2 | 0.3 | 4.3 |
| 35.0 | 13028 | 12840 | 13215 | 1.4 | 0.3 | 4.2 |
| 40.0 | 10613 | 10438 | 10787 | 1.6 | 0.4 | 4.0 |
| 45.0 | 8696 | 8535 | 8857 | 1.8 | 0.5 | 3.9 |
| 50.0 | 7166 | 7019 | 7312 | 2.0 | 0.5 | 3.8 |
| 55.0 | 5936 | 5803 | 6069 | 2.2 | 0.6 | 3.7 |
| 60.0 | 4943 | 4823 | 5063 | 2.4 | 0.7 | 3.6 |
| 65.0 | 4136 | 4029 | 4244 | 2.6 | 0.7 | 3.5 |
| 70.0 | 3478 | 3381 | 3574 | 2.8 | 0.8 | 3.4 |
| 75.0 | 2937 | 2851 | 3024 | 3.0 | 0.9 | 3.3 |
| 80.0 | 2492 | 2414 | 2569 | 3.1 | 1.0 | 3.2 |
| 85.0 | 2123 | 2053 | 2192 | 3.3 | 1.0 | 3.2 |
| 90.0 | 1816 | 1753 | 1878 | 3.4 | 1.1 | 3.1 |
| 95.0 | 1559 | 1503 | 1615 | 3.6 | 1.2 | 3.0 |
| 100.0 | 1344 | 1293 | 1394 | 3.7 | 1.3 | 2.9 |
| 105.0 | 1162 | 1117 | 1207 | 3.9 | 1.4 | 2.9 |

| B57550G0203F000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 20000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 110.0 | 1009 | 968.2 | 1049 | 4.0 | 1.4 | 2.8 |
| 115.0 | 878.6 | 842.0 | 915.3 | 4.2 | 1.5 | 2.7 |
| 120.0 | 767.7 | 734.7 | 800.8 | 4.3 | 1.6 | 2.7 |
| 125.0 | 672.9 | 643.1 | 702.7 | 4.4 | 1.7 | 2.6 |
| 130.0 | 591.6 | 564.6 | 618.6 | 4.6 | 1.8 | 2.5 |
| 135.0 | 521.6 | 497.1 | 546.1 | 4.7 | 1.9 | 2.5 |
| 140.0 | 461.2 | 439.0 | 483.4 | 4.8 | 2.0 | 2.4 |
| 145.0 | 408.9 | 388.7 | 429.1 | 4.9 | 2.1 | 2.4 |
| 150.0 | 363.5 | 345.2 | 381.9 | 5.1 | 2.2 | 2.3 |
| 155.0 | 324.0 | 307.2 | 340.7 | 5.2 | 2.3 | 2.3 |
| 160.0 | 289.5 | 274.2 | 304.7 | 5.3 | 2.4 | 2.2 |
| 165.0 | 259.2 | 245.3 | 273.2 | 5.4 | 2.5 | 2.2 |
| 170.0 | 232.7 | 219.9 | 245.5 | 5.5 | 2.6 | 2.1 |
| 175.0 | 209.4 | 197.6 | 221.1 | 5.6 | 2.7 | 2.1 |
| 180.0 | 188.8 | 178.0 | 199.6 | 5.7 | 2.8 | 2.0 |
| 185.0 | 170.6 | 160.7 | 180.5 | 5.8 | 2.9 | 2.0 |
| 190.0 | 154.5 | 145.3 | 163.6 | 5.9 | 3.0 | 2.0 |
| 195.0 | 140.1 | 131.7 | 148.5 | 6.0 | 3.1 | 1.9 |
| 200.0 | 127.4 | 119.6 | 135.2 | 6.1 | 3.2 | 1.9 |
| 205.0 | 116.0 | 108.8 | 123.2 | 6.2 | 3.3 | 1.9 |
| 210.0 | 105.8 | 99.20 | 112.5 | 6.3 | 3.5 | 1.8 |
| 215.0 | 96.75 | 90.58 | 102.9 | 6.4 | 3.6 | 1.8 |
| 220.0 | 88.58 | 82.86 | 94.30 | 6.5 | 3.7 | 1.7 |
| 225.0 | 81.24 | 75.92 | 86.56 | 6.5 | 3.8 | 1.7 |
| 230.0 | 74.63 | 69.68 | 79.58 | 6.6 | 3.9 | 1.7 |
| 235.0 | 68.67 | 64.06 | 73.28 | 6.7 | 4.1 | 1.6 |
| 240.0 | 63.28 | 58.98 | 67.58 | 6.8 | 4.2 | 1.6 |
| 245.0 | 58.40 | 54.38 | 62.41 | 6.9 | 4.3 | 1.6 |
| 250.0 | 53.98 | 50.22 | 57.73 | 7.0 | 4.5 | 1.6 |
| 255.0 | 49.96 | 46.45 | 53.47 | 7.0 | 4.6 | 1.5 |
| 260.0 | 46.31 | 43.02 | 49.60 | 7.1 | 4.7 | 1.5 |
| 265.0 | 42.98 | 39.89 | 46.06 | 7.2 | 4.9 | 1.5 |
| 270.0 | 39.94 | 37.05 | 42.84 | 7.3 | 5.0 | 1.5 |
| 275.0 | 37.17 | 34.45 | 39.89 | 7.3 | 5.1 | 1.4 |
| 280.0 | 34.63 | 32.07 | 37.19 | 7.4 | 5.3 | 1.4 |
| 285.0 | 32.31 | 29.90 | 34.72 | 7.5 | 5.4 | 1.4 |
| 290.0 | 30.17 | 27.90 | 32.45 | 7.5 | 5.6 | 1.4 |
| 295.0 | 28.21 | 26.07 | 30.36 | 7.6 | 5.7 | 1.3 |
| 300.0 | 26.41 | 24.39 | 28.44 | 7.7 | 5.9 | 1.3 |

| B57550G0203G000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8415 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 20000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 2065700 | 1919000 | 2212500 | 7.1 | 0.9 | 7.6 |
| -50.0 | 1421600 | 1326800 | 1516400 | 6.7 | 0.9 | 7.3 |
| -45.0 | 992390 | 930330 | 1054400 | 6.3 | 0.9 | 7.1 |
| -40.0 | 702160 | 661030 | 743290 | 5.9 | 0.9 | 6.8 |
| -35.0 | 503150 | 475580 | 530730 | 5.5 | 0.8 | 6.5 |
| -30.0 | 364900 | 346220 | 383580 | 5.1 | 0.8 | 6.3 |
| -25.0 | 267660 | 254880 | 280430 | 4.8 | 0.8 | 6.1 |
| -20.0 | 198440 | 189630 | 207260 | 4.4 | 0.8 | 5.9 |
| -15.0 | 148630 | 142500 | 154770 | 4.1 | 0.7 | 5.7 |
| -10.0 | 112400 | 108110 | 116700 | 3.8 | 0.7 | 5.5 |
| -5.0 | 85788 | 82759 | 88817 | 3.5 | 0.7 | 5.3 |
| 0.0 | 66048 | 63901 | 68195 | 3.3 | 0.6 | 5.2 |
| 5.0 | 51214 | 49687 | 52740 | 3.0 | 0.6 | 5.0 |
| 10.0 | 40034 | 38944 | 41124 | 2.7 | 0.6 | 4.8 |
| 15.0 | 31537 | 30757 | 32317 | 2.5 | 0.5 | 4.7 |
| 20.0 | 25027 | 24468 | 25585 | 2.2 | 0.5 | 4.6 |
| 25.0 | 20000 | 19600 | 20400 | 2.0 | 0.5 | 4.4 |
| 30.0 | 16090 | 15732 | 16448 | 2.2 | 0.5 | 4.3 |
| 35.0 | 13028 | 12710 | 13346 | 2.4 | 0.6 | 4.2 |
| 40.0 | 10613 | 10331 | 10894 | 2.7 | 0.7 | 4.0 |
| 45.0 | 8696 | 8448 | 8945 | 2.9 | 0.7 | 3.9 |
| 50.0 | 7166 | 6947 | 7385 | 3.1 | 0.8 | 3.8 |
| 55.0 | 5936 | 5743 | 6129 | 3.2 | 0.9 | 3.7 |
| 60.0 | 4943 | 4773 | 5113 | 3.4 | 1.0 | 3.6 |
| 65.0 | 4136 | 3987 | 4286 | 3.6 | 1.0 | 3.5 |
| 70.0 | 3478 | 3346 | 3610 | 3.8 | 1.1 | 3.4 |
| 75.0 | 2937 | 2821 | 3054 | 4.0 | 1.2 | 3.3 |
| 80.0 | 2492 | 2389 | 2595 | 4.1 | 1.3 | 3.2 |
| 85.0 | 2123 | 2031 | 2214 | 4.3 | 1.4 | 3.2 |
| 90.0 | 1816 | 1735 | 1897 | 4.5 | 1.4 | 3.1 |
| 95.0 | 1559 | 1487 | 1631 | 4.6 | 1.5 | 3.0 |
| 100.0 | 1344 | 1280 | 1408 | 4.8 | 1.6 | 2.9 |
| 105.0 | 1162 | 1105 | 1219 | 4.9 | 1.7 | 2.9 |
| 110.0 | 1009 | 957.8 | 1060 | 5.1 | 1.8 | 2.8 |
| 115.0 | 878.6 | 833.0 | 924.3 | 5.2 | 1.9 | 2.7 |
| 120.0 | 767.7 | 726.8 | 808.7 | 5.3 | 2.0 | 2.7 |
| 125.0 | 672.9 | 636.1 | 709.7 | 5.5 | 2.1 | 2.6 |
| 130.0 | 591.6 | 558.5 | 624.7 | 5.6 | 2.2 | 2.5 |
| 135.0 | 521.6 | 491.7 | 551.5 | 5.7 | 2.3 | 2.5 |

| B57550G0203G000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 20000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 140.0 | 461.2 | 434.2 | 488.2 | 5.9 | 2.4 | 2.4 |
| 145.0 | 408.9 | 384.5 | 433.3 | 6.0 | 2.5 | 2.4 |
| 150.0 | 363.5 | 341.4 | 385.7 | 6.1 | 2.6 | 2.3 |
| 155.0 | 324.0 | 303.9 | 344.1 | 6.2 | 2.7 | 2.3 |
| 160.0 | 289.5 | 271.2 | 307.8 | 6.3 | 2.8 | 2.2 |
| 165.0 | 259.2 | 242.6 | 275.9 | 6.4 | 2.9 | 2.2 |
| 170.0 | 232.7 | 217.5 | 247.9 | 6.5 | 3.1 | 2.1 |
| 175.0 | 209.4 | 195.5 | 223.3 | 6.6 | 3.2 | 2.1 |
| 180.0 | 188.8 | 176.0 | 201.5 | 6.8 | 3.3 | 2.0 |
| 185.0 | 170.6 | 158.9 | 182.3 | 6.9 | 3.4 | 2.0 |
| 190.0 | 154.5 | 143.7 | 165.2 | 7.0 | 3.5 | 2.0 |
| 195.0 | 140.1 | 130.2 | 150.0 | 7.1 | 3.7 | 1.9 |
| 200.0 | 127.4 | 118.3 | 136.5 | 7.1 | 3.8 | 1.9 |
| 205.0 | 116.0 | 107.6 | 124.4 | 7.2 | 3.9 | 1.9 |
| 210.0 | 105.8 | 98.08 | 113.6 | 7.3 | 4.0 | 1.8 |
| 215.0 | 96.75 | 89.56 | 103.9 | 7.4 | 4.2 | 1.8 |
| 220.0 | 88.58 | 81.92 | 95.24 | 7.5 | 4.3 | 1.7 |
| 225.0 | 81.24 | 75.06 | 87.42 | 7.6 | 4.4 | 1.7 |
| 230.0 | 74.63 | 68.89 | 80.37 | 7.7 | 4.6 | 1.7 |
| 235.0 | 68.67 | 63.33 | 74.00 | 7.8 | 4.7 | 1.6 |
| 240.0 | 63.28 | 58.31 | 68.25 | 7.9 | 4.8 | 1.6 |
| 245.0 | 58.40 | 53.77 | 63.03 | 7.9 | 5.0 | 1.6 |
| 250.0 | 53.98 | 49.65 | 58.30 | 8.0 | 5.1 | 1.6 |
| 255.0 | 49.96 | 45.92 | 54.00 | 8.1 | 5.3 | 1.5 |
| 260.0 | 46.31 | 42.53 | 50.09 | 8.2 | 5.4 | 1.5 |
| 265.0 | 42.98 | 39.44 | 46.52 | 8.2 | 5.6 | 1.5 |
| 270.0 | 39.94 | 36.62 | 43.26 | 8.3 | 5.7 | 1.5 |
| 275.0 | 37.17 | 34.05 | 40.29 | 8.4 | 5.9 | 1.4 |
| 280.0 | 34.63 | 31.70 | 37.56 | 8.5 | 6.0 | 1.4 |
| 285.0 | 32.31 | 29.55 | 35.06 | 8.5 | 6.2 | 1.4 |
| 290.0 | 30.17 | 27.58 | 32.77 | 8.6 | 6.3 | 1.4 |
| 295.0 | 28.21 | 25.77 | 30.66 | 8.7 | 6.5 | 1.3 |
| 300.0 | 26.41 | 24.11 | 28.72 | 8.7 | 6.7 | 1.3 |

| B57550G0203H000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 20000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 2065700 | 1897300 | 2234200 | 8.2 | 1.1 | 7.6 |

| B57550G0203H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8415 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 20000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -50.0 | 1421600 | 1311900 | 1531300 | 7.7 | 1.1 | 7.3 |
| -45.0 | 992390 | 919990 | 1064800 | 7.3 | 1.0 | 7.1 |
| -40.0 | 702160 | 653740 | 750570 | 6.9 | 1.0 | 6.8 |
| -35.0 | 503150 | 470380 | 535930 | 6.5 | 1.0 | 6.5 |
| -30.0 | 364900 | 342460 | 387340 | 6.1 | 1.0 | 6.3 |
| -25.0 | 267660 | 252130 | 283180 | 5.8 | 1.0 | 6.1 |
| -20.0 | 198440 | 187590 | 209290 | 5.5 | 0.9 | 5.9 |
| -15.0 | 148630 | 140980 | 156280 | 5.1 | 0.9 | 5.7 |
| -10.0 | 112400 | 106960 | 117840 | 4.8 | 0.9 | 5.5 |
| -5.0 | 85788 | 81888 | 89688 | 4.5 | 0.9 | 5.3 |
| 0.0 | 66048 | 63232 | 68864 | 4.3 | 0.8 | 5.2 |
| 5.0 | 51214 | 49170 | 53257 | 4.0 | 0.8 | 5.0 |
| 10.0 | 40034 | 38541 | 41527 | 3.7 | 0.8 | 4.8 |
| 15.0 | 31537 | 30440 | 32634 | 3.5 | 0.7 | 4.7 |
| 20.0 | 25027 | 24217 | 25836 | 3.2 | 0.7 | 4.6 |
| 25.0 | 20000 | 19400 | 20600 | 3.0 | 0.7 | 4.4 |
| 30.0 | 16090 | 15571 | 16609 | 3.2 | 0.8 | 4.3 |
| 35.0 | 13028 | 12579 | 13477 | 3.4 | 0.8 | 4.2 |
| 40.0 | 10613 | 10224 | 11001 | 3.7 | 0.9 | 4.0 |
| 45.0 | 8696 | 8360 | 9032 | 3.9 | 1.0 | 3.9 |
| 50.0 | 7166 | 6874 | 7457 | 4.1 | 1.1 | 3.8 |
| 55.0 | 5936 | 5683 | 6189 | 4.3 | 1.1 | 3.7 |
| 60.0 | 4943 | 4723 | 5163 | 4.5 | 1.2 | 3.6 |
| 65.0 | 4136 | 3945 | 4328 | 4.6 | 1.3 | 3.5 |
| 70.0 | 3478 | 3310 | 3645 | 4.8 | 1.4 | 3.4 |
| 75.0 | 2937 | 2791 | 3084 | 5.0 | 1.5 | 3.3 |
| 80.0 | 2492 | 2363 | 2620 | 5.2 | 1.6 | 3.2 |
| 85.0 | 2123 | 2010 | 2236 | 5.3 | 1.7 | 3.2 |
| 90.0 | 1816 | 1716 | 1915 | 5.5 | 1.8 | 3.1 |
| 95.0 | 1559 | 1471 | 1647 | 5.6 | 1.9 | 3.0 |
| 100.0 | 1344 | 1266 | 1422 | 5.8 | 2.0 | 2.9 |
| 105.0 | 1162 | 1093 | 1231 | 5.9 | 2.1 | 2.9 |
| 110.0 | 1009 | 947.4 | 1070 | 6.1 | 2.2 | 2.8 |
| 115.0 | 878.6 | 823.9 | 933.4 | 6.2 | 2.3 | 2.7 |
| 120.0 | 767.7 | 718.8 | 816.6 | 6.4 | 2.4 | 2.7 |
| 125.0 | 672.9 | 629.1 | 716.7 | 6.5 | 2.5 | 2.6 |
| 130.0 | 591.6 | 552.3 | 630.8 | 6.6 | 2.6 | 2.5 |
| 135.0 | 521.6 | 486.3 | 556.9 | 6.8 | 2.7 | 2.5 |
| 140.0 | 461.2 | 429.4 | 493.0 | 6.9 | 2.8 | 2.4 |
| 145.0 | 408.9 | 380.2 | 437.6 | 7.0 | 2.9 | 2.4 |

| B57550G0203H000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 20000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 150.0 | 363.5 | 337.6 | 389.4 | 7.1 | 3.1 | 2.3 |
| 155.0 | 324.0 | 300.5 | 347.5 | 7.2 | 3.2 | 2.3 |
| 160.0 | 289.5 | 268.1 | 310.8 | 7.4 | 3.3 | 2.2 |
| 165.0 | 259.2 | 239.9 | 278.6 | 7.5 | 3.4 | 2.2 |
| 170.0 | 232.7 | 215.1 | 250.4 | 7.6 | 3.6 | 2.1 |
| 175.0 | 209.4 | 193.3 | 225.5 | 7.7 | 3.7 | 2.1 |
| 180.0 | 188.8 | 174.1 | 203.5 | 7.8 | 3.8 | 2.0 |
| 185.0 | 170.6 | 157.1 | 184.1 | 7.9 | 3.9 | 2.0 |
| 190.0 | 154.5 | 142.1 | 166.8 | 8.0 | 4.1 | 2.0 |
| 195.0 | 140.1 | 128.8 | 151.5 | 8.1 | 4.2 | 1.9 |
| 200.0 | 127.4 | 116.9 | 137.8 | 8.2 | 4.3 | 1.9 |
| 205.0 | 116.0 | 106.4 | 125.6 | 8.3 | 4.5 | 1.9 |
| 210.0 | 105.8 | 96.97 | 114.7 | 8.4 | 4.6 | 1.8 |
| 215.0 | 96.75 | 88.54 | 104.9 | 8.5 | 4.8 | 1.8 |
| 220.0 | 88.58 | 80.99 | 96.17 | 8.6 | 4.9 | 1.7 |
| 225.0 | 81.24 | 74.21 | 88.27 | 8.7 | 5.1 | 1.7 |
| 230.0 | 74.63 | 68.11 | 81.15 | 8.7 | 5.2 | 1.7 |
| 235.0 | 68.67 | 62.61 | 74.73 | 8.8 | 5.3 | 1.6 |
| 240.0 | 63.28 | 57.64 | 68.92 | 8.9 | 5.5 | 1.6 |
| 245.0 | 58.40 | 53.15 | 63.65 | 9.0 | 5.7 | 1.6 |
| 250.0 | 53.98 | 49.08 | 58.87 | 9.1 | 5.8 | 1.6 |
| 255.0 | 49.96 | 45.39 | 54.53 | 9.1 | 6.0 | 1.5 |
| 260.0 | 46.31 | 42.03 | 50.58 | 9.2 | 6.1 | 1.5 |
| 265.0 | 42.98 | 38.98 | 46.98 | 9.3 | 6.3 | 1.5 |
| 270.0 | 39.94 | 36.20 | 43.69 | 9.4 | 6.5 | 1.5 |
| 275.0 | 37.17 | 33.66 | 40.68 | 9.4 | 6.6 | 1.4 |
| 280.0 | 34.63 | 31.33 | 37.93 | 9.5 | 6.8 | 1.4 |
| 285.0 | 32.31 | 29.21 | 35.41 | 9.6 | 7.0 | 1.4 |
| 290.0 | 30.17 | 27.26 | 33.09 | 9.7 | 7.1 | 1.4 |
| 295.0 | 28.21 | 25.47 | 30.96 | 9.7 | 7.3 | 1.3 |
| 300.0 | 26.41 | 23.83 | 29.00 | 9.8 | 7.5 | 1.3 |

| B57550G0203J000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 20000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 2065700 | 1853900 | 2277600 | 10.3 | 1.3 | 7.6 |
| -50.0 | 1421600 | 1282200 | 1561000 | 9.8 | 1.3 | 7.3 |
| -45.0 | 992390 | 899320 | 1085500 | 9.4 | 1.3 | 7.1 |

| B57550G0203J000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 20000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -40.0 | 702160 | 639170 | 765150 | 9.0 | 1.3 | 6.8 |
| -35.0 | 503150 | 459970 | 546340 | 8.6 | 1.3 | 6.5 |
| -30.0 | 364900 | 334940 | 394860 | 8.2 | 1.3 | 6.3 |
| -25.0 | 267660 | 246630 | 288680 | 7.9 | 1.3 | 6.1 |
| -20.0 | 198440 | 183530 | 213360 | 7.5 | 1.3 | 5.9 |
| -15.0 | 148630 | 137950 | 159320 | 7.2 | 1.3 | 5.7 |
| -10.0 | 112400 | 104670 | 120130 | 6.9 | 1.3 | 5.5 |
| -5.0 | 85788 | 80147 | 91430 | 6.6 | 1.2 | 5.3 |
| 0.0 | 66048 | 61895 | 70201 | 6.3 | 1.2 | 5.2 |
| 5.0 | 51214 | 48136 | 54292 | 6.0 | 1.2 | 5.0 |
| 10.0 | 40034 | 37735 | 42333 | 5.7 | 1.2 | 4.8 |
| 15.0 | 31537 | 29807 | 33267 | 5.5 | 1.2 | 4.7 |
| 20.0 | 25027 | 23716 | 26338 | 5.2 | 1.2 | 4.6 |
| 25.0 | 20000 | 19000 | 21000 | 5.0 | 1.1 | 4.4 |
| 30.0 | 16090 | 15249 | 16932 | 5.2 | 1.2 | 4.3 |
| 35.0 | 13028 | 12317 | 13738 | 5.5 | 1.3 | 4.2 |
| 40.0 | 10613 | 10011 | 11215 | 5.7 | 1.4 | 4.0 |
| 45.0 | 8696 | 8185 | 9208 | 5.9 | 1.5 | 3.9 |
| 50.0 | 7166 | 6729 | 7602 | 6.1 | 1.6 | 3.8 |
| 55.0 | 5936 | 5563 | 6309 | 6.3 | 1.7 | 3.7 |
| 60.0 | 4943 | 4623 | 5263 | 6.5 | 1.8 | 3.6 |
| 65.0 | 4136 | 3861 | 4412 | 6.7 | 1.9 | 3.5 |
| 70.0 | 3478 | 3240 | 3716 | 6.8 | 2.0 | 3.4 |
| 75.0 | 2937 | 2731 | 3144 | 7.0 | 2.1 | 3.3 |
| 80.0 | 2492 | 2312 | 2671 | 7.2 | 2.2 | 3.2 |
| 85.0 | 2123 | 1966 | 2279 | 7.4 | 2.3 | 3.2 |
| 90.0 | 1816 | 1679 | 1952 | 7.5 | 2.4 | 3.1 |
| 95.0 | 1559 | 1439 | 1679 | 7.7 | 2.6 | 3.0 |
| 100.0 | 1344 | 1238 | 1449 | 7.8 | 2.7 | 2.9 |
| 105.0 | 1162 | 1069 | 1255 | 8.0 | 2.8 | 2.9 |
| 110.0 | 1009 | 926.7 | 1091 | 8.1 | 2.9 | 2.8 |
| 115.0 | 878.6 | 805.8 | 951.5 | 8.3 | 3.0 | 2.7 |
| 120.0 | 767.7 | 703.0 | 832.5 | 8.4 | 3.2 | 2.7 |
| 125.0 | 672.9 | 615.2 | 730.6 | 8.6 | 3.3 | 2.6 |
| 130.0 | 591.6 | 540.1 | 643.1 | 8.7 | 3.4 | 2.5 |
| 135.0 | 521.6 | 475.5 | 567.7 | 8.8 | 3.5 | 2.5 |
| 140.0 | 461.2 | 419.9 | 502.6 | 9.0 | 3.7 | 2.4 |
| 145.0 | 408.9 | 371.7 | 446.1 | 9.1 | 3.8 | 2.4 |
| 150.0 | 363.5 | 330.0 | 397.0 | 9.2 | 4.0 | 2.3 |
| 155.0 | 324.0 | 293.7 | 354.2 | 9.3 | 4.1 | 2.3 |

| B57550G0203J000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 20000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 160.0 | 289.5 | 262.1 | 316.8 | 9.4 | 4.2 | 2.2 |
| 165.0 | 259.2 | 234.5 | 284.0 | 9.6 | 4.4 | 2.2 |
| 170.0 | 232.7 | 210.2 | 255.2 | 9.7 | 4.5 | 2.1 |
| 175.0 | 209.4 | 188.9 | 229.9 | 9.8 | 4.7 | 2.1 |
| 180.0 | 188.8 | 170.1 | 207.5 | 9.9 | 4.8 | 2.0 |
| 185.0 | 170.6 | 153.5 | 187.6 | 10.0 | 5.0 | 2.0 |
| 190.0 | 154.5 | 138.9 | 170.1 | 10.1 | 5.1 | 2.0 |
| 195.0 | 140.1 | 125.8 | 154.4 | 10.2 | 5.3 | 1.9 |
| 200.0 | 127.4 | 114.3 | 140.5 | 10.3 | 5.5 | 1.9 |
| 205.0 | 116.0 | 103.9 | 128.1 | 10.4 | 5.6 | 1.9 |
| 210.0 | 105.8 | 94.74 | 117.0 | 10.5 | 5.8 | 1.8 |
| 215.0 | 96.75 | 86.51 | 107.0 | 10.6 | 5.9 | 1.8 |
| 220.0 | 88.58 | 79.12 | 98.04 | 10.7 | 6.1 | 1.7 |
| 225.0 | 81.24 | 72.49 | 89.99 | 10.8 | 6.3 | 1.7 |
| 230.0 | 74.63 | 66.53 | 82.73 | 10.9 | 6.5 | 1.7 |
| 235.0 | 68.67 | 61.15 | 76.18 | 10.9 | 6.6 | 1.6 |
| 240.0 | 63.28 | 56.30 | 70.25 | 11.0 | 6.8 | 1.6 |
| 245.0 | 58.40 | 51.91 | 64.89 | 11.1 | 7.0 | 1.6 |
| 250.0 | 53.98 | 47.94 | 60.02 | 11.2 | 7.2 | 1.6 |
| 255.0 | 49.96 | 44.33 | 55.59 | 11.3 | 7.4 | 1.5 |
| 260.0 | 46.31 | 41.05 | 51.56 | 11.3 | 7.5 | 1.5 |
| 265.0 | 42.98 | 38.07 | 47.89 | 11.4 | 7.7 | 1.5 |
| 270.0 | 39.94 | 35.35 | 44.54 | 11.5 | 7.9 | 1.5 |
| 275.0 | 37.17 | 32.87 | 41.47 | 11.6 | 8.1 | 1.4 |
| 280.0 | 34.63 | 30.60 | 38.66 | 11.6 | 8.3 | 1.4 |
| 285.0 | 32.31 | 28.52 | 36.09 | 11.7 | 8.5 | 1.4 |
| 290.0 | 30.17 | 26.62 | 33.73 | 11.8 | 8.7 | 1.4 |
| 295.0 | 28.21 | 24.87 | 31.56 | 11.9 | 8.9 | 1.3 |
| 300.0 | 26.41 | 23.26 | 29.56 | 11.9 | 9.1 | 1.3 |

| B57550G0303F000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 30000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 3098600 | 2911000 | 3286200 | 6.1 | 0.8 | 7.6 |
| -50.0 | 2132400 | 2012500 | 2252300 | 5.6 | 0.8 | 7.3 |
| -45.0 | 1488600 | 1411000 | 1566200 | 5.2 | 0.7 | 7.1 |
| -40.0 | 1053200 | 1002500 | 1104000 | 4.8 | 0.7 | 6.8 |
| -35.0 | 754730 | 721180 | 788290 | 4.4 | 0.7 | 6.5 |

| B57550G0303F000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8415 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 30000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -30.0 | 547350 | 524980 | 569730 | 4.1 | 0.6 | 6.3 |
| -25.0 | 401480 | 386440 | 416520 | 3.7 | 0.6 | 6.1 |
| -20.0 | 297660 | 287490 | 307840 | 3.4 | 0.6 | 5.9 |
| -15.0 | 222950 | 216020 | 229870 | 3.1 | 0.5 | 5.7 |
| -10.0 | 168610 | 163880 | 173330 | 2.8 | 0.5 | 5.5 |
| -5.0 | 128680 | 125450 | 131920 | 2.5 | 0.5 | 5.3 |
| 0.0 | 99072 | 96854 | 101290 | 2.2 | 0.4 | 5.2 |
| 5.0 | 76820 | 75306 | 78335 | 2.0 | 0.4 | 5.0 |
| 10.0 | 60051 | 59021 | 61081 | 1.7 | 0.4 | 4.8 |
| 15.0 | 47305 | 46611 | 48000 | 1.5 | 0.3 | 4.7 |
| 20.0 | 37540 | 37078 | 38002 | 1.2 | 0.3 | 4.6 |
| 25.0 | 30000 | 29700 | 30300 | 1.0 | 0.2 | 4.4 |
| 30.0 | 24135 | 23840 | 24430 | 1.2 | 0.3 | 4.3 |
| 35.0 | 19542 | 19261 | 19823 | 1.4 | 0.3 | 4.2 |
| 40.0 | 15919 | 15657 | 16181 | 1.6 | 0.4 | 4.0 |
| 45.0 | 13044 | 12803 | 13285 | 1.8 | 0.5 | 3.9 |
| 50.0 | 10748 | 10529 | 10968 | 2.0 | 0.5 | 3.8 |
| 55.0 | 8904 | 8705 | 9104 | 2.2 | 0.6 | 3.7 |
| 60.0 | 7415 | 7235 | 7594 | 2.4 | 0.7 | 3.6 |
| 65.0 | 6205 | 6043 | 6366 | 2.6 | 0.7 | 3.5 |
| 70.0 | 5217 | 5072 | 5362 | 2.8 | 0.8 | 3.4 |
| 75.0 | 4406 | 4276 | 4536 | 3.0 | 0.9 | 3.3 |
| 80.0 | 3738 | 3621 | 3854 | 3.1 | 1.0 | 3.2 |
| 85.0 | 3184 | 3080 | 3288 | 3.3 | 1.0 | 3.2 |
| 90.0 | 2723 | 2630 | 2817 | 3.4 | 1.1 | 3.1 |
| 95.0 | 2338 | 2255 | 2422 | 3.6 | 1.2 | 3.0 |
| 100.0 | 2015 | 1940 | 2091 | 3.7 | 1.3 | 2.9 |
| 105.0 | 1743 | 1676 | 1811 | 3.9 | 1.4 | 2.9 |
| 110.0 | 1513 | 1452 | 1574 | 4.0 | 1.4 | 2.8 |
| 115.0 | 1318 | 1263 | 1373 | 4.2 | 1.5 | 2.7 |
| 120.0 | 1152 | 1102 | 1201 | 4.3 | 1.6 | 2.7 |
| 125.0 | 1009 | 964.6 | 1054 | 4.4 | 1.7 | 2.6 |
| 130.0 | 887.4 | 846.9 | 927.9 | 4.6 | 1.8 | 2.5 |
| 135.0 | 782.4 | 745.7 | 819.1 | 4.7 | 1.9 | 2.5 |
| 140.0 | 691.8 | 658.5 | 725.1 | 4.8 | 2.0 | 2.4 |
| 145.0 | 613.4 | 583.1 | 643.6 | 4.9 | 2.1 | 2.4 |
| 150.0 | 545.3 | 517.7 | 572.8 | 5.1 | 2.2 | 2.3 |
| 155.0 | 486.0 | 460.9 | 511.1 | 5.2 | 2.3 | 2.3 |
| 160.0 | 434.2 | 411.3 | 457.1 | 5.3 | 2.4 | 2.2 |
| 165.0 | 388.9 | 367.9 | 409.8 | 5.4 | 2.5 | 2.2 |

| B57550G0303F000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 30000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 170.0 | 349.1 | 329.9 | 368.3 | 5.5 | 2.6 | 2.1 |
| 175.0 | 314.1 | 296.5 | 331.7 | 5.6 | 2.7 | 2.1 |
| 180.0 | 283.2 | 267.0 | 299.3 | 5.7 | 2.8 | 2.0 |
| 185.0 | 255.9 | 241.0 | 270.7 | 5.8 | 2.9 | 2.0 |
| 190.0 | 231.7 | 218.0 | 245.4 | 5.9 | 3.0 | 2.0 |
| 195.0 | 210.2 | 197.6 | 222.8 | 6.0 | 3.1 | 1.9 |
| 200.0 | 191.1 | 179.4 | 202.7 | 6.1 | 3.2 | 1.9 |
| 205.0 | 174.0 | 163.2 | 184.8 | 6.2 | 3.3 | 1.9 |
| 210.0 | 158.8 | 148.8 | 168.7 | 6.3 | 3.5 | 1.8 |
| 215.0 | 145.1 | 135.9 | 154.4 | 6.4 | 3.6 | 1.8 |
| 220.0 | 132.9 | 124.3 | 141.5 | 6.5 | 3.7 | 1.7 |
| 225.0 | 121.9 | 113.9 | 129.8 | 6.5 | 3.8 | 1.7 |
| 230.0 | 111.9 | 104.5 | 119.4 | 6.6 | 3.9 | 1.7 |
| 235.0 | 103.0 | 96.08 | 109.9 | 6.7 | 4.1 | 1.6 |
| 240.0 | 94.92 | 88.47 | 101.4 | 6.8 | 4.2 | 1.6 |
| 245.0 | 87.60 | 81.58 | 93.62 | 6.9 | 4.3 | 1.6 |
| 250.0 | 80.96 | 75.34 | 86.59 | 7.0 | 4.5 | 1.6 |
| 255.0 | 74.94 | 69.67 | 80.21 | 7.0 | 4.6 | 1.5 |
| 260.0 | 69.46 | 64.52 | 74.39 | 7.1 | 4.7 | 1.5 |
| 265.0 | 64.47 | 59.84 | 69.10 | 7.2 | 4.9 | 1.5 |
| 270.0 | 59.91 | 55.57 | 64.26 | 7.3 | 5.0 | 1.5 |
| 275.0 | 55.75 | 51.67 | 59.84 | 7.3 | 5.1 | 1.4 |
| 280.0 | 51.95 | 48.11 | 55.79 | 7.4 | 5.3 | 1.4 |
| 285.0 | 48.46 | 44.84 | 52.08 | 7.5 | 5.4 | 1.4 |
| 290.0 | 45.26 | 41.85 | 48.67 | 7.5 | 5.6 | 1.4 |
| 295.0 | 42.32 | 39.11 | 45.54 | 7.6 | 5.7 | 1.3 |
| 300.0 | 39.62 | 36.58 | 42.66 | 7.7 | 5.9 | 1.3 |

| B57550G0303G000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 30000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 3098600 | 2878500 | 3318700 | 7.1 | 0.9 | 7.6 |
| -50.0 | 2132400 | 1990200 | 2274600 | 6.7 | 0.9 | 7.3 |
| -45.0 | 1488600 | 1395500 | 1581700 | 6.3 | 0.9 | 7.1 |
| -40.0 | 1053200 | 991540 | 1114900 | 5.9 | 0.9 | 6.8 |
| -35.0 | 754730 | 713370 | 796090 | 5.5 | 0.8 | 6.5 |
| -30.0 | 547350 | 519330 | 575370 | 5.1 | 0.8 | 6.3 |
| -25.0 | 401480 | 382320 | 420650 | 4.8 | 0.8 | 6.1 |

| B57550G0303G000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 30000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -20.0 | 297660 | 284440 | 310890 | 4.4 | 0.8 | 5.9 |
| -15.0 | 222950 | 213750 | 232150 | 4.1 | 0.7 | 5.7 |
| -10.0 | 168610 | 162160 | 175050 | 3.8 | 0.7 | 5.5 |
| -5.0 | 128680 | 124140 | 133230 | 3.5 | 0.7 | 5.3 |
| 0.0 | 99072 | 95851 | 102290 | 3.3 | 0.6 | 5.2 |
| 5.0 | 76820 | 74530 | 79111 | 3.0 | 0.6 | 5.0 |
| 10.0 | 60051 | 58416 | 61685 | 2.7 | 0.6 | 4.8 |
| 15.0 | 47305 | 46136 | 48475 | 2.5 | 0.5 | 4.7 |
| 20.0 | 37540 | 36702 | 38378 | 2.2 | 0.5 | 4.6 |
| 25.0 | 30000 | 29400 | 30600 | 2.0 | 0.5 | 4.4 |
| 30.0 | 24135 | 23599 | 24672 | 2.2 | 0.5 | 4.3 |
| 35.0 | 19542 | 19064 | 20019 | 2.4 | 0.6 | 4.2 |
| 40.0 | 15919 | 15497 | 16341 | 2.7 | 0.7 | 4.0 |
| 45.0 | 13044 | 12672 | 13417 | 2.9 | 0.7 | 3.9 |
| 50.0 | 10748 | 10420 | 11077 | 3.1 | 0.8 | 3.8 |
| 55.0 | 8904 | 8615 | 9194 | 3.2 | 0.9 | 3.7 |
| 60.0 | 7415 | 7160 | 7669 | 3.4 | 1.0 | 3.6 |
| 65.0 | 6205 | 5980 | 6429 | 3.6 | 1.0 | 3.5 |
| 70.0 | 5217 | 5019 | 5415 | 3.8 | 1.1 | 3.4 |
| 75.0 | 4406 | 4231 | 4581 | 4.0 | 1.2 | 3.3 |
| 80.0 | 3738 | 3583 | 3892 | 4.1 | 1.3 | 3.2 |
| 85.0 | 3184 | 3047 | 3321 | 4.3 | 1.4 | 3.2 |
| 90.0 | 2723 | 2602 | 2845 | 4.5 | 1.4 | 3.1 |
| 95.0 | 2338 | 2231 | 2446 | 4.6 | 1.5 | 3.0 |
| 100.0 | 2015 | 1919 | 2112 | 4.8 | 1.6 | 2.9 |
| 105.0 | 1743 | 1658 | 1829 | 4.9 | 1.7 | 2.9 |
| 110.0 | 1513 | 1437 | 1590 | 5.1 | 1.8 | 2.8 |
| 115.0 | 1318 | 1249 | 1386 | 5.2 | 1.9 | 2.7 |
| 120.0 | 1152 | 1090 | 1213 | 5.3 | 2.0 | 2.7 |
| 125.0 | 1009 | 954.2 | 1065 | 5.5 | 2.1 | 2.6 |
| 130.0 | 887.4 | 837.7 | 937.1 | 5.6 | 2.2 | 2.5 |
| 135.0 | 782.4 | 737.6 | 827.2 | 5.7 | 2.3 | 2.5 |
| 140.0 | 691.8 | 651.3 | 732.3 | 5.9 | 2.4 | 2.4 |
| 145.0 | 613.4 | 576.7 | 650.0 | 6.0 | 2.5 | 2.4 |
| 150.0 | 545.3 | 512.1 | 578.5 | 6.1 | 2.6 | 2.3 |
| 155.0 | 486.0 | 455.8 | 516.1 | 6.2 | 2.7 | 2.3 |
| 160.0 | 434.2 | 406.7 | 461.6 | 6.3 | 2.8 | 2.2 |
| 165.0 | 388.9 | 363.8 | 413.9 | 6.4 | 2.9 | 2.2 |
| 170.0 | 349.1 | 326.2 | 371.9 | 6.5 | 3.1 | 2.1 |
| 175.0 | 314.1 | 293.2 | 334.9 | 6.6 | 3.2 | 2.1 |

| B57550G0303G000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 30000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 180.0 | 283.2 | 264.1 | 302.3 | 6.8 | 3.3 | 2.0 |
| 185.0 | 255.9 | 238.3 | 273.4 | 6.9 | 3.4 | 2.0 |
| 190.0 | 231.7 | 215.6 | 247.8 | 7.0 | 3.5 | 2.0 |
| 195.0 | 210.2 | 195.4 | 225.0 | 7.1 | 3.7 | 1.9 |
| 200.0 | 191.1 | 177.4 | 204.7 | 7.1 | 3.8 | 1.9 |
| 205.0 | 174.0 | 161.4 | 186.6 | 7.2 | 3.9 | 1.9 |
| 210.0 | 158.8 | 147.1 | 170.4 | 7.3 | 4.0 | 1.8 |
| 215.0 | 145.1 | 134.3 | 155.9 | 7.4 | 4.2 | 1.8 |
| 220.0 | 132.9 | 122.9 | 142.9 | 7.5 | 4.3 | 1.7 |
| 225.0 | 121.9 | 112.6 | 131.1 | 7.6 | 4.4 | 1.7 |
| 230.0 | 111.9 | 103.3 | 120.5 | 7.7 | 4.6 | 1.7 |
| 235.0 | 103.0 | 95.00 | 111.0 | 7.8 | 4.7 | 1.6 |
| 240.0 | 94.92 | 87.46 | 102.4 | 7.9 | 4.8 | 1.6 |
| 245.0 | 87.60 | 80.65 | 94.55 | 7.9 | 5.0 | 1.6 |
| 250.0 | 80.96 | 74.48 | 87.45 | 8.0 | 5.1 | 1.6 |
| 255.0 | 74.94 | 68.88 | 81.00 | 8.1 | 5.3 | 1.5 |
| 260.0 | 69.46 | 63.79 | 75.13 | 8.2 | 5.4 | 1.5 |
| 265.0 | 64.47 | 59.16 | 69.78 | 8.2 | 5.6 | 1.5 |
| 270.0 | 59.91 | 54.93 | 64.89 | 8.3 | 5.7 | 1.5 |
| 275.0 | 55.75 | 51.08 | 60.43 | 8.4 | 5.9 | 1.4 |
| 280.0 | 51.95 | 47.55 | 56.34 | 8.5 | 6.0 | 1.4 |
| 285.0 | 48.46 | 44.33 | 52.59 | 8.5 | 6.2 | 1.4 |
| 290.0 | 45.26 | 41.37 | 49.15 | 8.6 | 6.3 | 1.4 |
| 295.0 | 42.32 | 38.66 | 45.99 | 8.7 | 6.5 | 1.3 |
| 300.0 | 39.62 | 36.16 | 43.08 | 8.7 | 6.7 | 1.3 |

| B57550G0303H000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 30000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 3098600 | 2845900 | 3351300 | 8.2 | 1.1 | 7.6 |
| -50.0 | 2132400 | 1967900 | 2296900 | 7.7 | 1.1 | 7.3 |
| -45.0 | 1488600 | 1380000 | 1597200 | 7.3 | 1.0 | 7.1 |
| -40.0 | 1053200 | 980610 | 1125900 | 6.9 | 1.0 | 6.8 |
| -35.0 | 754730 | 705570 | 803890 | 6.5 | 1.0 | 6.5 |
| -30.0 | 547350 | 513690 | 581010 | 6.1 | 1.0 | 6.3 |
| -25.0 | 401480 | 378190 | 424770 | 5.8 | 1.0 | 6.1 |
| -20.0 | 297660 | 281390 | 313940 | 5.5 | 0.9 | 5.9 |
| -15.0 | 222950 | 211470 | 234420 | 5.1 | 0.9 | 5.7 |

| B57550G0303H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8415 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 30000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -10.0 | 168610 | 160440 | 176770 | 4.8 | 0.9 | 5.5 |
| -5.0 | 128680 | 122830 | 134530 | 4.5 | 0.9 | 5.3 |
| 0.0 | 99072 | 94849 | 103300 | 4.3 | 0.8 | 5.2 |
| 5.0 | 76820 | 73754 | 79886 | 4.0 | 0.8 | 5.0 |
| 10.0 | 60051 | 57811 | 62290 | 3.7 | 0.8 | 4.8 |
| 15.0 | 47305 | 45661 | 48950 | 3.5 | 0.7 | 4.7 |
| 20.0 | 37540 | 36326 | 38754 | 3.2 | 0.7 | 4.6 |
| 25.0 | 30000 | 29100 | 30900 | 3.0 | 0.7 | 4.4 |
| 30.0 | 24135 | 23357 | 24914 | 3.2 | 0.8 | 4.3 |
| 35.0 | 19542 | 18868 | 20215 | 3.4 | 0.8 | 4.2 |
| 40.0 | 15919 | 15337 | 16502 | 3.7 | 0.9 | 4.0 |
| 45.0 | 13044 | 12540 | 13548 | 3.9 | 1.0 | 3.9 |
| 50.0 | 10748 | 10311 | 11186 | 4.1 | 1.1 | 3.8 |
| 55.0 | 8904 | 8525 | 9284 | 4.3 | 1.1 | 3.7 |
| 60.0 | 7415 | 7085 | 7745 | 4.5 | 1.2 | 3.6 |
| 65.0 | 6205 | 5917 | 6492 | 4.6 | 1.3 | 3.5 |
| 70.0 | 5217 | 4966 | 5468 | 4.8 | 1.4 | 3.4 |
| 75.0 | 4406 | 4186 | 4626 | 5.0 | 1.5 | 3.3 |
| 80.0 | 3738 | 3545 | 3931 | 5.2 | 1.6 | 3.2 |
| 85.0 | 3184 | 3015 | 3354 | 5.3 | 1.7 | 3.2 |
| 90.0 | 2723 | 2574 | 2873 | 5.5 | 1.8 | 3.1 |
| 95.0 | 2338 | 2207 | 2470 | 5.6 | 1.9 | 3.0 |
| 100.0 | 2015 | 1899 | 2132 | 5.8 | 2.0 | 2.9 |
| 105.0 | 1743 | 1640 | 1847 | 5.9 | 2.1 | 2.9 |
| 110.0 | 1513 | 1421 | 1605 | 6.1 | 2.2 | 2.8 |
| 115.0 | 1318 | 1236 | 1400 | 6.2 | 2.3 | 2.7 |
| 120.0 | 1152 | 1078 | 1225 | 6.4 | 2.4 | 2.7 |
| 125.0 | 1009 | 943.7 | 1075 | 6.5 | 2.5 | 2.6 |
| 130.0 | 887.4 | 828.5 | 946.2 | 6.6 | 2.6 | 2.5 |
| 135.0 | 782.4 | 729.5 | 835.3 | 6.8 | 2.7 | 2.5 |
| 140.0 | 691.8 | 644.2 | 739.5 | 6.9 | 2.8 | 2.4 |
| 145.0 | 613.4 | 570.4 | 656.4 | 7.0 | 2.9 | 2.4 |
| 150.0 | 545.3 | 506.4 | 584.2 | 7.1 | 3.1 | 2.3 |
| 155.0 | 486.0 | 450.7 | 521.2 | 7.2 | 3.2 | 2.3 |
| 160.0 | 434.2 | 402.2 | 466.2 | 7.4 | 3.3 | 2.2 |
| 165.0 | 388.9 | 359.8 | 417.9 | 7.5 | 3.4 | 2.2 |
| 170.0 | 349.1 | 322.6 | 375.6 | 7.6 | 3.6 | 2.1 |
| 175.0 | 314.1 | 289.9 | 338.2 | 7.7 | 3.7 | 2.1 |
| 180.0 | 283.2 | 261.1 | 305.3 | 7.8 | 3.8 | 2.0 |
| 185.0 | 255.9 | 235.7 | 276.1 | 7.9 | 3.9 | 2.0 |

| B57550G0303H000 | | | | | | |
|------------------------|--|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 30000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 190.0 | 231.7 | 213.1 | 250.2 | 8.0 | 4.1 | 2.0 |
| 195.0 | 210.2 | 193.2 | 227.2 | 8.1 | 4.2 | 1.9 |
| 200.0 | 191.1 | 175.4 | 206.7 | 8.2 | 4.3 | 1.9 |
| 205.0 | 174.0 | 159.6 | 188.5 | 8.3 | 4.5 | 1.9 |
| 210.0 | 158.8 | 145.5 | 172.1 | 8.4 | 4.6 | 1.8 |
| 215.0 | 145.1 | 132.8 | 157.4 | 8.5 | 4.8 | 1.8 |
| 220.0 | 132.9 | 121.5 | 144.3 | 8.6 | 4.9 | 1.7 |
| 225.0 | 121.9 | 111.3 | 132.4 | 8.7 | 5.1 | 1.7 |
| 230.0 | 111.9 | 102.2 | 121.7 | 8.7 | 5.2 | 1.7 |
| 235.0 | 103.0 | 93.91 | 112.1 | 8.8 | 5.3 | 1.6 |
| 240.0 | 94.92 | 86.46 | 103.4 | 8.9 | 5.5 | 1.6 |
| 245.0 | 87.60 | 79.72 | 95.48 | 9.0 | 5.7 | 1.6 |
| 250.0 | 80.96 | 73.62 | 88.31 | 9.1 | 5.8 | 1.6 |
| 255.0 | 74.94 | 68.08 | 81.80 | 9.1 | 6.0 | 1.5 |
| 260.0 | 69.46 | 63.05 | 75.87 | 9.2 | 6.1 | 1.5 |
| 265.0 | 64.47 | 58.47 | 70.46 | 9.3 | 6.3 | 1.5 |
| 270.0 | 59.91 | 54.30 | 65.53 | 9.4 | 6.5 | 1.5 |
| 275.0 | 55.75 | 50.49 | 61.02 | 9.4 | 6.6 | 1.4 |
| 280.0 | 51.95 | 47.00 | 56.89 | 9.5 | 6.8 | 1.4 |
| 285.0 | 48.46 | 43.81 | 53.11 | 9.6 | 7.0 | 1.4 |
| 290.0 | 45.26 | 40.89 | 49.63 | 9.7 | 7.1 | 1.4 |
| 295.0 | 42.32 | 38.21 | 46.44 | 9.7 | 7.3 | 1.3 |
| 300.0 | 39.62 | 35.74 | 43.50 | 9.8 | 7.5 | 1.3 |

| B57550G0303J000 | | | | | | |
|------------------------|--|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 30000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 3098600 | 2780800 | 3416300 | 10.3 | 1.3 | 7.6 |
| -50.0 | 2132400 | 1923300 | 2341500 | 9.8 | 1.3 | 7.3 |
| -45.0 | 1488600 | 1349000 | 1628200 | 9.4 | 1.3 | 7.1 |
| -40.0 | 1053200 | 958750 | 1147700 | 9.0 | 1.3 | 6.8 |
| -35.0 | 754730 | 689960 | 819500 | 8.6 | 1.3 | 6.5 |
| -30.0 | 547350 | 502410 | 592290 | 8.2 | 1.3 | 6.3 |
| -25.0 | 401480 | 369950 | 433020 | 7.9 | 1.3 | 6.1 |
| -20.0 | 297660 | 275290 | 320030 | 7.5 | 1.3 | 5.9 |
| -15.0 | 222950 | 206920 | 238980 | 7.2 | 1.3 | 5.7 |
| -10.0 | 168610 | 157010 | 180200 | 6.9 | 1.3 | 5.5 |
| -5.0 | 128680 | 120220 | 137140 | 6.6 | 1.2 | 5.3 |

| B57550G0303J000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8415 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 30000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 0.0 | 99072 | 92843 | 105300 | 6.3 | 1.2 | 5.2 |
| 5.0 | 76820 | 72203 | 81437 | 6.0 | 1.2 | 5.0 |
| 10.0 | 60051 | 56602 | 63500 | 5.7 | 1.2 | 4.8 |
| 15.0 | 47305 | 44710 | 49901 | 5.5 | 1.2 | 4.7 |
| 20.0 | 37540 | 35573 | 39507 | 5.2 | 1.2 | 4.6 |
| 25.0 | 30000 | 28500 | 31500 | 5.0 | 1.1 | 4.4 |
| 30.0 | 24135 | 22873 | 25398 | 5.2 | 1.2 | 4.3 |
| 35.0 | 19542 | 18476 | 20608 | 5.5 | 1.3 | 4.2 |
| 40.0 | 15919 | 15016 | 16822 | 5.7 | 1.4 | 4.0 |
| 45.0 | 13044 | 12277 | 13812 | 5.9 | 1.5 | 3.9 |
| 50.0 | 10748 | 10094 | 11403 | 6.1 | 1.6 | 3.8 |
| 55.0 | 8904 | 8345 | 9464 | 6.3 | 1.7 | 3.7 |
| 60.0 | 7415 | 6934 | 7895 | 6.5 | 1.8 | 3.6 |
| 65.0 | 6205 | 5791 | 6618 | 6.7 | 1.9 | 3.5 |
| 70.0 | 5217 | 4859 | 5574 | 6.8 | 2.0 | 3.4 |
| 75.0 | 4406 | 4096 | 4716 | 7.0 | 2.1 | 3.3 |
| 80.0 | 3738 | 3469 | 4007 | 7.2 | 2.2 | 3.2 |
| 85.0 | 3184 | 2949 | 3419 | 7.4 | 2.3 | 3.2 |
| 90.0 | 2723 | 2518 | 2929 | 7.5 | 2.4 | 3.1 |
| 95.0 | 2338 | 2159 | 2518 | 7.7 | 2.6 | 3.0 |
| 100.0 | 2015 | 1857 | 2174 | 7.8 | 2.7 | 2.9 |
| 105.0 | 1743 | 1604 | 1883 | 8.0 | 2.8 | 2.9 |
| 110.0 | 1513 | 1390 | 1637 | 8.1 | 2.9 | 2.8 |
| 115.0 | 1318 | 1209 | 1427 | 8.3 | 3.0 | 2.7 |
| 120.0 | 1152 | 1054 | 1249 | 8.4 | 3.2 | 2.7 |
| 125.0 | 1009 | 922.8 | 1096 | 8.6 | 3.3 | 2.6 |
| 130.0 | 887.4 | 810.1 | 964.6 | 8.7 | 3.4 | 2.5 |
| 135.0 | 782.4 | 713.3 | 851.5 | 8.8 | 3.5 | 2.5 |
| 140.0 | 691.8 | 629.8 | 753.8 | 9.0 | 3.7 | 2.4 |
| 145.0 | 613.4 | 557.6 | 669.1 | 9.1 | 3.8 | 2.4 |
| 150.0 | 545.3 | 495.0 | 595.5 | 9.2 | 4.0 | 2.3 |
| 155.0 | 486.0 | 440.6 | 531.3 | 9.3 | 4.1 | 2.3 |
| 160.0 | 434.2 | 393.2 | 475.2 | 9.4 | 4.2 | 2.2 |
| 165.0 | 388.9 | 351.7 | 426.1 | 9.6 | 4.4 | 2.2 |
| 170.0 | 349.1 | 315.3 | 382.9 | 9.7 | 4.5 | 2.1 |
| 175.0 | 314.1 | 283.3 | 344.8 | 9.8 | 4.7 | 2.1 |
| 180.0 | 283.2 | 255.2 | 311.2 | 9.9 | 4.8 | 2.0 |
| 185.0 | 255.9 | 230.3 | 281.5 | 10.0 | 5.0 | 2.0 |
| 190.0 | 231.7 | 208.3 | 255.1 | 10.1 | 5.1 | 2.0 |
| 195.0 | 210.2 | 188.8 | 231.6 | 10.2 | 5.3 | 1.9 |

| B57550G0303J000 | | | | | | |
|------------------------|--|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8415 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 30000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 200.0 | 191.1 | 171.4 | 210.8 | 10.3 | 5.5 | 1.9 |
| 205.0 | 174.0 | 155.9 | 192.1 | 10.4 | 5.6 | 1.9 |
| 210.0 | 158.8 | 142.1 | 175.4 | 10.5 | 5.8 | 1.8 |
| 215.0 | 145.1 | 129.8 | 160.5 | 10.6 | 5.9 | 1.8 |
| 220.0 | 132.9 | 118.7 | 147.1 | 10.7 | 6.1 | 1.7 |
| 225.0 | 121.9 | 108.7 | 135.0 | 10.8 | 6.3 | 1.7 |
| 230.0 | 111.9 | 99.79 | 124.1 | 10.9 | 6.5 | 1.7 |
| 235.0 | 103.0 | 91.73 | 114.3 | 10.9 | 6.6 | 1.6 |
| 240.0 | 94.92 | 84.45 | 105.4 | 11.0 | 6.8 | 1.6 |
| 245.0 | 87.60 | 77.87 | 97.33 | 11.1 | 7.0 | 1.6 |
| 250.0 | 80.96 | 71.91 | 90.02 | 11.2 | 7.2 | 1.6 |
| 255.0 | 74.94 | 66.50 | 83.38 | 11.3 | 7.4 | 1.5 |
| 260.0 | 69.46 | 61.58 | 77.34 | 11.3 | 7.5 | 1.5 |
| 265.0 | 64.47 | 57.10 | 71.83 | 11.4 | 7.7 | 1.5 |
| 270.0 | 59.91 | 53.02 | 66.80 | 11.5 | 7.9 | 1.5 |
| 275.0 | 55.75 | 49.30 | 62.21 | 11.6 | 8.1 | 1.4 |
| 280.0 | 51.95 | 45.90 | 58.00 | 11.6 | 8.3 | 1.4 |
| 285.0 | 48.46 | 42.78 | 54.14 | 11.7 | 8.5 | 1.4 |
| 290.0 | 45.26 | 39.92 | 50.60 | 11.8 | 8.7 | 1.4 |
| 295.0 | 42.32 | 37.30 | 47.34 | 11.9 | 8.9 | 1.3 |
| 300.0 | 39.62 | 34.89 | 44.35 | 11.9 | 9.1 | 1.3 |

| B57550G0503F000 | | | | | | |
|------------------------|--|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}, R_{25} = 50000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 5164300 | 4851600 | 5477000 | 6.1 | 0.8 | 7.6 |
| -50.0 | 3554000 | 3354100 | 3753800 | 5.6 | 0.8 | 7.3 |
| -45.0 | 2481000 | 2351700 | 2610300 | 5.2 | 0.7 | 7.1 |
| -40.0 | 1755400 | 1670800 | 1840000 | 4.8 | 0.7 | 6.8 |
| -35.0 | 1257900 | 1202000 | 1313800 | 4.4 | 0.7 | 6.5 |
| -30.0 | 912250 | 874960 | 949550 | 4.1 | 0.6 | 6.3 |
| -25.0 | 669140 | 644070 | 694210 | 3.7 | 0.6 | 6.1 |
| -20.0 | 496110 | 479140 | 513070 | 3.4 | 0.6 | 5.9 |
| -15.0 | 371580 | 360040 | 383120 | 3.1 | 0.5 | 5.7 |
| -10.0 | 281010 | 273130 | 288890 | 2.8 | 0.5 | 5.5 |
| -5.0 | 214470 | 209080 | 219870 | 2.5 | 0.5 | 5.3 |
| 0.0 | 165120 | 161420 | 168820 | 2.2 | 0.4 | 5.2 |
| 5.0 | 128030 | 125510 | 130560 | 2.0 | 0.4 | 5.0 |

| B57550G0503F000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 10.0 | 100090 | 98368 | 101800 | 1.7 | 0.4 | 4.8 |
| 15.0 | 78842 | 77685 | 80000 | 1.5 | 0.3 | 4.7 |
| 20.0 | 62567 | 61797 | 63336 | 1.2 | 0.3 | 4.6 |
| 25.0 | 50000 | 49500 | 50500 | 1.0 | 0.2 | 4.4 |
| 30.0 | 40226 | 39734 | 40717 | 1.2 | 0.3 | 4.3 |
| 35.0 | 32569 | 32101 | 33038 | 1.4 | 0.3 | 4.2 |
| 40.0 | 26532 | 26095 | 26969 | 1.6 | 0.4 | 4.0 |
| 45.0 | 21740 | 21338 | 22142 | 1.8 | 0.5 | 3.9 |
| 50.0 | 17914 | 17548 | 18281 | 2.0 | 0.5 | 3.8 |
| 55.0 | 14841 | 14509 | 15173 | 2.2 | 0.6 | 3.7 |
| 60.0 | 12358 | 12058 | 12657 | 2.4 | 0.7 | 3.6 |
| 65.0 | 10341 | 10072 | 10610 | 2.6 | 0.7 | 3.5 |
| 70.0 | 8695 | 8453 | 8936 | 2.8 | 0.8 | 3.4 |
| 75.0 | 7344 | 7127 | 7560 | 3.0 | 0.9 | 3.3 |
| 80.0 | 6230 | 6035 | 6424 | 3.1 | 1.0 | 3.2 |
| 85.0 | 5307 | 5133 | 5481 | 3.3 | 1.0 | 3.2 |
| 90.0 | 4539 | 4383 | 4695 | 3.4 | 1.1 | 3.1 |
| 95.0 | 3897 | 3758 | 4037 | 3.6 | 1.2 | 3.0 |
| 100.0 | 3359 | 3234 | 3485 | 3.7 | 1.3 | 2.9 |
| 105.0 | 2906 | 2793 | 3019 | 3.9 | 1.4 | 2.9 |
| 110.0 | 2522 | 2421 | 2624 | 4.0 | 1.4 | 2.8 |
| 115.0 | 2197 | 2105 | 2288 | 4.2 | 1.5 | 2.7 |
| 120.0 | 1919 | 1837 | 2002 | 4.3 | 1.6 | 2.7 |
| 125.0 | 1682 | 1608 | 1757 | 4.4 | 1.7 | 2.6 |
| 130.0 | 1479 | 1411 | 1546 | 4.6 | 1.8 | 2.5 |
| 135.0 | 1304 | 1243 | 1365 | 4.7 | 1.9 | 2.5 |
| 140.0 | 1153 | 1098 | 1209 | 4.8 | 2.0 | 2.4 |
| 145.0 | 1022 | 971.9 | 1073 | 4.9 | 2.1 | 2.4 |
| 150.0 | 908.8 | 862.9 | 954.7 | 5.1 | 2.2 | 2.3 |
| 155.0 | 810.0 | 768.1 | 851.8 | 5.2 | 2.3 | 2.3 |
| 160.0 | 723.7 | 685.5 | 761.9 | 5.3 | 2.4 | 2.2 |
| 165.0 | 648.1 | 613.2 | 683.0 | 5.4 | 2.5 | 2.2 |
| 170.0 | 581.8 | 549.8 | 613.8 | 5.5 | 2.6 | 2.1 |
| 175.0 | 523.4 | 494.1 | 552.8 | 5.6 | 2.7 | 2.1 |
| 180.0 | 472.0 | 445.0 | 498.9 | 5.7 | 2.8 | 2.0 |
| 185.0 | 426.5 | 401.7 | 451.2 | 5.8 | 2.9 | 2.0 |
| 190.0 | 386.1 | 363.3 | 409.0 | 5.9 | 3.0 | 2.0 |
| 195.0 | 350.3 | 329.3 | 371.4 | 6.0 | 3.1 | 1.9 |
| 200.0 | 318.5 | 299.0 | 337.9 | 6.1 | 3.2 | 1.9 |
| 205.0 | 290.0 | 272.1 | 308.0 | 6.2 | 3.3 | 1.9 |

| B57550G0503F000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|------------------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha \text{ (%/K)}$ |
| 210.0 | 264.6 | 248.0 | 281.2 | 6.3 | 3.5 | 1.8 |
| 215.0 | 241.9 | 226.5 | 257.3 | 6.4 | 3.6 | 1.8 |
| 220.0 | 221.5 | 207.1 | 235.8 | 6.5 | 3.7 | 1.7 |
| 225.0 | 203.1 | 189.8 | 216.4 | 6.5 | 3.8 | 1.7 |
| 230.0 | 186.6 | 174.2 | 198.9 | 6.6 | 3.9 | 1.7 |
| 235.0 | 171.7 | 160.1 | 183.2 | 6.7 | 4.1 | 1.6 |
| 240.0 | 158.2 | 147.4 | 168.9 | 6.8 | 4.2 | 1.6 |
| 245.0 | 146.0 | 136.0 | 156.0 | 6.9 | 4.3 | 1.6 |
| 250.0 | 134.9 | 125.6 | 144.3 | 7.0 | 4.5 | 1.6 |
| 255.0 | 124.9 | 116.1 | 133.7 | 7.0 | 4.6 | 1.5 |
| 260.0 | 115.8 | 107.5 | 124.0 | 7.1 | 4.7 | 1.5 |
| 265.0 | 107.4 | 99.73 | 115.2 | 7.2 | 4.9 | 1.5 |
| 270.0 | 99.86 | 92.61 | 107.1 | 7.3 | 5.0 | 1.5 |
| 275.0 | 92.92 | 86.12 | 99.73 | 7.3 | 5.1 | 1.4 |
| 280.0 | 86.58 | 80.18 | 92.98 | 7.4 | 5.3 | 1.4 |
| 285.0 | 80.77 | 74.74 | 86.79 | 7.5 | 5.4 | 1.4 |
| 290.0 | 75.43 | 69.75 | 81.12 | 7.5 | 5.6 | 1.4 |
| 295.0 | 70.54 | 65.18 | 75.90 | 7.6 | 5.7 | 1.3 |
| 300.0 | 66.03 | 60.97 | 71.09 | 7.7 | 5.9 | 1.3 |

| B57550G0503G000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|------------------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha \text{ (%/K)}$ |
| -55.0 | 5164300 | 4797400 | 5531200 | 7.1 | 0.9 | 7.6 |
| -50.0 | 3554000 | 3317000 | 3791000 | 6.7 | 0.9 | 7.3 |
| -45.0 | 2481000 | 2325800 | 2636100 | 6.3 | 0.9 | 7.1 |
| -40.0 | 1755400 | 1652600 | 1858200 | 5.9 | 0.9 | 6.8 |
| -35.0 | 1257900 | 1189000 | 1326800 | 5.5 | 0.8 | 6.5 |
| -30.0 | 912250 | 865560 | 958950 | 5.1 | 0.8 | 6.3 |
| -25.0 | 669140 | 637190 | 701080 | 4.8 | 0.8 | 6.1 |
| -20.0 | 496110 | 474060 | 518150 | 4.4 | 0.8 | 5.9 |
| -15.0 | 371580 | 356250 | 386910 | 4.1 | 0.7 | 5.7 |
| -10.0 | 281010 | 270270 | 291750 | 3.8 | 0.7 | 5.5 |
| -5.0 | 214470 | 206900 | 222040 | 3.5 | 0.7 | 5.3 |
| 0.0 | 165120 | 159750 | 170490 | 3.3 | 0.6 | 5.2 |
| 5.0 | 128030 | 124220 | 131850 | 3.0 | 0.6 | 5.0 |
| 10.0 | 100090 | 97360 | 102810 | 2.7 | 0.6 | 4.8 |
| 15.0 | 78842 | 76893 | 80792 | 2.5 | 0.5 | 4.7 |

| B57550G0503G000 | | | | | | |
|------------------------|---|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 20.0 | 62567 | 61170 | 63963 | 2.2 | 0.5 | 4.6 |
| 25.0 | 50000 | 49000 | 51000 | 2.0 | 0.5 | 4.4 |
| 30.0 | 40226 | 39331 | 41120 | 2.2 | 0.5 | 4.3 |
| 35.0 | 32569 | 31774 | 33365 | 2.4 | 0.6 | 4.2 |
| 40.0 | 26532 | 25828 | 27236 | 2.7 | 0.7 | 4.0 |
| 45.0 | 21740 | 21119 | 22362 | 2.9 | 0.7 | 3.9 |
| 50.0 | 17914 | 17367 | 18462 | 3.1 | 0.8 | 3.8 |
| 55.0 | 14841 | 14358 | 15323 | 3.2 | 0.9 | 3.7 |
| 60.0 | 12358 | 11933 | 12782 | 3.4 | 1.0 | 3.6 |
| 65.0 | 10341 | 9967 | 10715 | 3.6 | 1.0 | 3.5 |
| 70.0 | 8695 | 8364 | 9025 | 3.8 | 1.1 | 3.4 |
| 75.0 | 7344 | 7052 | 7635 | 4.0 | 1.2 | 3.3 |
| 80.0 | 6230 | 5972 | 6487 | 4.1 | 1.3 | 3.2 |
| 85.0 | 5307 | 5079 | 5535 | 4.3 | 1.4 | 3.2 |
| 90.0 | 4539 | 4337 | 4741 | 4.5 | 1.4 | 3.1 |
| 95.0 | 3897 | 3718 | 4077 | 4.6 | 1.5 | 3.0 |
| 100.0 | 3359 | 3199 | 3519 | 4.8 | 1.6 | 2.9 |
| 105.0 | 2906 | 2763 | 3048 | 4.9 | 1.7 | 2.9 |
| 110.0 | 2522 | 2395 | 2650 | 5.1 | 1.8 | 2.8 |
| 115.0 | 2197 | 2082 | 2311 | 5.2 | 1.9 | 2.7 |
| 120.0 | 1919 | 1817 | 2022 | 5.3 | 2.0 | 2.7 |
| 125.0 | 1682 | 1590 | 1774 | 5.5 | 2.1 | 2.6 |
| 130.0 | 1479 | 1396 | 1562 | 5.6 | 2.2 | 2.5 |
| 135.0 | 1304 | 1229 | 1379 | 5.7 | 2.3 | 2.5 |
| 140.0 | 1153 | 1086 | 1220 | 5.9 | 2.4 | 2.4 |
| 145.0 | 1022 | 961.2 | 1083 | 6.0 | 2.5 | 2.4 |
| 150.0 | 908.8 | 853.4 | 964.2 | 6.1 | 2.6 | 2.3 |
| 155.0 | 810.0 | 759.7 | 860.2 | 6.2 | 2.7 | 2.3 |
| 160.0 | 723.7 | 677.9 | 769.4 | 6.3 | 2.8 | 2.2 |
| 165.0 | 648.1 | 606.4 | 689.8 | 6.4 | 2.9 | 2.2 |
| 170.0 | 581.8 | 543.7 | 619.9 | 6.5 | 3.1 | 2.1 |
| 175.0 | 523.4 | 488.6 | 558.2 | 6.6 | 3.2 | 2.1 |
| 180.0 | 472.0 | 440.1 | 503.8 | 6.8 | 3.3 | 2.0 |
| 185.0 | 426.5 | 397.2 | 455.7 | 6.9 | 3.4 | 2.0 |
| 190.0 | 386.1 | 359.3 | 413.0 | 7.0 | 3.5 | 2.0 |
| 195.0 | 350.3 | 325.6 | 375.0 | 7.1 | 3.7 | 1.9 |
| 200.0 | 318.5 | 295.7 | 341.2 | 7.1 | 3.8 | 1.9 |
| 205.0 | 290.0 | 269.0 | 311.0 | 7.2 | 3.9 | 1.9 |
| 210.0 | 264.6 | 245.2 | 284.0 | 7.3 | 4.0 | 1.8 |
| 215.0 | 241.9 | 223.9 | 259.8 | 7.4 | 4.2 | 1.8 |

| B57550G0503G000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8403 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 50000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 220.0 | 221.5 | 204.8 | 238.1 | 7.5 | 4.3 | 1.7 |
| 225.0 | 203.1 | 187.7 | 218.5 | 7.6 | 4.4 | 1.7 |
| 230.0 | 186.6 | 172.2 | 200.9 | 7.7 | 4.6 | 1.7 |
| 235.0 | 171.7 | 158.3 | 185.0 | 7.8 | 4.7 | 1.6 |
| 240.0 | 158.2 | 145.8 | 170.6 | 7.9 | 4.8 | 1.6 |
| 245.0 | 146.0 | 134.4 | 157.6 | 7.9 | 5.0 | 1.6 |
| 250.0 | 134.9 | 124.1 | 145.8 | 8.0 | 5.1 | 1.6 |
| 255.0 | 124.9 | 114.8 | 135.0 | 8.1 | 5.3 | 1.5 |
| 260.0 | 115.8 | 106.3 | 125.2 | 8.2 | 5.4 | 1.5 |
| 265.0 | 107.4 | 98.59 | 116.3 | 8.2 | 5.6 | 1.5 |
| 270.0 | 99.86 | 91.55 | 108.2 | 8.3 | 5.7 | 1.5 |
| 275.0 | 92.92 | 85.13 | 100.7 | 8.4 | 5.9 | 1.4 |
| 280.0 | 86.58 | 79.26 | 93.90 | 8.5 | 6.0 | 1.4 |
| 285.0 | 80.77 | 73.88 | 87.65 | 8.5 | 6.2 | 1.4 |
| 290.0 | 75.43 | 68.95 | 81.92 | 8.6 | 6.3 | 1.4 |
| 295.0 | 70.54 | 64.43 | 76.65 | 8.7 | 6.5 | 1.3 |
| 300.0 | 66.03 | 60.27 | 71.80 | 8.7 | 6.7 | 1.3 |

| B57550G0503H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8403 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 50000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 5164300 | 4743200 | 5585400 | 8.2 | 1.1 | 7.6 |
| -50.0 | 3554000 | 3279800 | 3828100 | 7.7 | 1.1 | 7.3 |
| -45.0 | 2481000 | 2300000 | 2662000 | 7.3 | 1.0 | 7.1 |
| -40.0 | 1755400 | 1634300 | 1876400 | 6.9 | 1.0 | 6.8 |
| -35.0 | 1257900 | 1175900 | 1339800 | 6.5 | 1.0 | 6.5 |
| -30.0 | 912250 | 856160 | 968350 | 6.1 | 1.0 | 6.3 |
| -25.0 | 669140 | 630320 | 707950 | 5.8 | 1.0 | 6.1 |
| -20.0 | 496110 | 468980 | 523230 | 5.5 | 0.9 | 5.9 |
| -15.0 | 371580 | 352450 | 390710 | 5.1 | 0.9 | 5.7 |
| -10.0 | 281010 | 267410 | 294610 | 4.8 | 0.9 | 5.5 |
| -5.0 | 214470 | 204720 | 224220 | 4.5 | 0.9 | 5.3 |
| 0.0 | 165120 | 158080 | 172160 | 4.3 | 0.8 | 5.2 |
| 5.0 | 128030 | 122920 | 133140 | 4.0 | 0.8 | 5.0 |
| 10.0 | 100090 | 96352 | 103820 | 3.7 | 0.8 | 4.8 |
| 15.0 | 78842 | 76101 | 81584 | 3.5 | 0.7 | 4.7 |
| 20.0 | 62567 | 60543 | 64590 | 3.2 | 0.7 | 4.6 |
| 25.0 | 50000 | 48500 | 51500 | 3.0 | 0.7 | 4.4 |

| B57550G0503H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8403 | | | | | |
| T (°C) | B _{0/100} = 3970 K, R ₂₅ = 50000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 30.0 | 40226 | 38928 | 41523 | 3.2 | 0.8 | 4.3 |
| 35.0 | 32569 | 31447 | 33692 | 3.4 | 0.8 | 4.2 |
| 40.0 | 26532 | 25561 | 27503 | 3.7 | 0.9 | 4.0 |
| 45.0 | 21740 | 20900 | 22581 | 3.9 | 1.0 | 3.9 |
| 50.0 | 17914 | 17186 | 18643 | 4.1 | 1.1 | 3.8 |
| 55.0 | 14841 | 14208 | 15473 | 4.3 | 1.1 | 3.7 |
| 60.0 | 12358 | 11808 | 12908 | 4.5 | 1.2 | 3.6 |
| 65.0 | 10341 | 9862 | 10820 | 4.6 | 1.3 | 3.5 |
| 70.0 | 8695 | 8276 | 9113 | 4.8 | 1.4 | 3.4 |
| 75.0 | 7344 | 6977 | 7710 | 5.0 | 1.5 | 3.3 |
| 80.0 | 6230 | 5908 | 6551 | 5.2 | 1.6 | 3.2 |
| 85.0 | 5307 | 5024 | 5589 | 5.3 | 1.7 | 3.2 |
| 90.0 | 4539 | 4290 | 4788 | 5.5 | 1.8 | 3.1 |
| 95.0 | 3897 | 3678 | 4117 | 5.6 | 1.9 | 3.0 |
| 100.0 | 3359 | 3165 | 3554 | 5.8 | 2.0 | 2.9 |
| 105.0 | 2906 | 2733 | 3078 | 5.9 | 2.1 | 2.9 |
| 110.0 | 2522 | 2369 | 2676 | 6.1 | 2.2 | 2.8 |
| 115.0 | 2197 | 2060 | 2333 | 6.2 | 2.3 | 2.7 |
| 120.0 | 1919 | 1797 | 2042 | 6.4 | 2.4 | 2.7 |
| 125.0 | 1682 | 1573 | 1792 | 6.5 | 2.5 | 2.6 |
| 130.0 | 1479 | 1381 | 1577 | 6.6 | 2.6 | 2.5 |
| 135.0 | 1304 | 1216 | 1392 | 6.8 | 2.7 | 2.5 |
| 140.0 | 1153 | 1074 | 1232 | 6.9 | 2.8 | 2.4 |
| 145.0 | 1022 | 950.6 | 1094 | 7.0 | 2.9 | 2.4 |
| 150.0 | 908.8 | 844.0 | 973.6 | 7.1 | 3.1 | 2.3 |
| 155.0 | 810.0 | 751.2 | 868.7 | 7.2 | 3.2 | 2.3 |
| 160.0 | 723.7 | 670.4 | 777.0 | 7.4 | 3.3 | 2.2 |
| 165.0 | 648.1 | 599.7 | 696.6 | 7.5 | 3.4 | 2.2 |
| 170.0 | 581.8 | 537.7 | 625.9 | 7.6 | 3.6 | 2.1 |
| 175.0 | 523.4 | 483.2 | 563.7 | 7.7 | 3.7 | 2.1 |
| 180.0 | 472.0 | 435.2 | 508.8 | 7.8 | 3.8 | 2.0 |
| 185.0 | 426.5 | 392.8 | 460.2 | 7.9 | 3.9 | 2.0 |
| 190.0 | 386.1 | 355.2 | 417.1 | 8.0 | 4.1 | 2.0 |
| 195.0 | 350.3 | 321.9 | 378.7 | 8.1 | 4.2 | 1.9 |
| 200.0 | 318.5 | 292.3 | 344.6 | 8.2 | 4.3 | 1.9 |
| 205.0 | 290.0 | 266.0 | 314.1 | 8.3 | 4.5 | 1.9 |
| 210.0 | 264.6 | 242.4 | 286.8 | 8.4 | 4.6 | 1.8 |
| 215.0 | 241.9 | 221.4 | 262.4 | 8.5 | 4.8 | 1.8 |
| 220.0 | 221.5 | 202.5 | 240.4 | 8.6 | 4.9 | 1.7 |
| 225.0 | 203.1 | 185.5 | 220.7 | 8.7 | 5.1 | 1.7 |

| B57550G0503H000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 230.0 | 186.6 | 170.3 | 202.9 | 8.7 | 5.2 | 1.7 |
| 235.0 | 171.7 | 156.5 | 186.8 | 8.8 | 5.3 | 1.6 |
| 240.0 | 158.2 | 144.1 | 172.3 | 8.9 | 5.5 | 1.6 |
| 245.0 | 146.0 | 132.9 | 159.1 | 9.0 | 5.7 | 1.6 |
| 250.0 | 134.9 | 122.7 | 147.2 | 9.1 | 5.8 | 1.6 |
| 255.0 | 124.9 | 113.5 | 136.3 | 9.1 | 6.0 | 1.5 |
| 260.0 | 115.8 | 105.1 | 126.4 | 9.2 | 6.1 | 1.5 |
| 265.0 | 107.4 | 97.45 | 117.4 | 9.3 | 6.3 | 1.5 |
| 270.0 | 99.86 | 90.49 | 109.2 | 9.4 | 6.5 | 1.5 |
| 275.0 | 92.92 | 84.14 | 101.7 | 9.4 | 6.6 | 1.4 |
| 280.0 | 86.58 | 78.34 | 94.82 | 9.5 | 6.8 | 1.4 |
| 285.0 | 80.77 | 73.02 | 88.51 | 9.6 | 7.0 | 1.4 |
| 290.0 | 75.43 | 68.15 | 82.72 | 9.7 | 7.1 | 1.4 |
| 295.0 | 70.54 | 63.68 | 77.40 | 9.7 | 7.3 | 1.3 |
| 300.0 | 66.03 | 59.57 | 72.50 | 9.8 | 7.5 | 1.3 |

| B57550G0503J000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 5164300 | 4634700 | 5693900 | 10.3 | 1.3 | 7.6 |
| -50.0 | 3554000 | 3205500 | 3902500 | 9.8 | 1.3 | 7.3 |
| -45.0 | 2481000 | 2248300 | 2713600 | 9.4 | 1.3 | 7.1 |
| -40.0 | 1755400 | 1597900 | 1912900 | 9.0 | 1.3 | 6.8 |
| -35.0 | 1257900 | 1149900 | 1365800 | 8.6 | 1.3 | 6.5 |
| -30.0 | 912250 | 837350 | 987160 | 8.2 | 1.3 | 6.3 |
| -25.0 | 669140 | 616570 | 721700 | 7.9 | 1.3 | 6.1 |
| -20.0 | 496110 | 458820 | 533390 | 7.5 | 1.3 | 5.9 |
| -15.0 | 371580 | 344870 | 398290 | 7.2 | 1.3 | 5.7 |
| -10.0 | 281010 | 261690 | 300330 | 6.9 | 1.3 | 5.5 |
| -5.0 | 214470 | 200370 | 228570 | 6.6 | 1.2 | 5.3 |
| 0.0 | 165120 | 154740 | 175500 | 6.3 | 1.2 | 5.2 |
| 5.0 | 128030 | 120340 | 135730 | 6.0 | 1.2 | 5.0 |
| 10.0 | 100090 | 94337 | 105830 | 5.7 | 1.2 | 4.8 |
| 15.0 | 78842 | 74517 | 83168 | 5.5 | 1.2 | 4.7 |
| 20.0 | 62567 | 59289 | 65844 | 5.2 | 1.2 | 4.6 |
| 25.0 | 50000 | 47500 | 52500 | 5.0 | 1.1 | 4.4 |
| 30.0 | 40226 | 38121 | 42330 | 5.2 | 1.2 | 4.3 |
| 35.0 | 32569 | 30793 | 34346 | 5.5 | 1.3 | 4.2 |

| B57550G0503J000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 40.0 | 26532 | 25027 | 28037 | 5.7 | 1.4 | 4.0 |
| 45.0 | 21740 | 20461 | 23019 | 5.9 | 1.5 | 3.9 |
| 50.0 | 17914 | 16824 | 19005 | 6.1 | 1.6 | 3.8 |
| 55.0 | 14841 | 13908 | 15773 | 6.3 | 1.7 | 3.7 |
| 60.0 | 12358 | 11557 | 13158 | 6.5 | 1.8 | 3.6 |
| 65.0 | 10341 | 9652 | 11030 | 6.7 | 1.9 | 3.5 |
| 70.0 | 8695 | 8099 | 9290 | 6.8 | 2.0 | 3.4 |
| 75.0 | 7344 | 6827 | 7860 | 7.0 | 2.1 | 3.3 |
| 80.0 | 6230 | 5781 | 6678 | 7.2 | 2.2 | 3.2 |
| 85.0 | 5307 | 4916 | 5698 | 7.4 | 2.3 | 3.2 |
| 90.0 | 4539 | 4197 | 4881 | 7.5 | 2.4 | 3.1 |
| 95.0 | 3897 | 3598 | 4197 | 7.7 | 2.6 | 3.0 |
| 100.0 | 3359 | 3096 | 3623 | 7.8 | 2.7 | 2.9 |
| 105.0 | 2906 | 2673 | 3138 | 8.0 | 2.8 | 2.9 |
| 110.0 | 2522 | 2317 | 2728 | 8.1 | 2.9 | 2.8 |
| 115.0 | 2197 | 2014 | 2379 | 8.3 | 3.0 | 2.7 |
| 120.0 | 1919 | 1757 | 2081 | 8.4 | 3.2 | 2.7 |
| 125.0 | 1682 | 1538 | 1826 | 8.6 | 3.3 | 2.6 |
| 130.0 | 1479 | 1350 | 1608 | 8.7 | 3.4 | 2.5 |
| 135.0 | 1304 | 1189 | 1419 | 8.8 | 3.5 | 2.5 |
| 140.0 | 1153 | 1050 | 1256 | 9.0 | 3.7 | 2.4 |
| 145.0 | 1022 | 929.4 | 1115 | 9.1 | 3.8 | 2.4 |
| 150.0 | 908.8 | 825.1 | 992.5 | 9.2 | 4.0 | 2.3 |
| 155.0 | 810.0 | 734.4 | 885.5 | 9.3 | 4.1 | 2.3 |
| 160.0 | 723.7 | 655.3 | 792.0 | 9.4 | 4.2 | 2.2 |
| 165.0 | 648.1 | 586.1 | 710.1 | 9.6 | 4.4 | 2.2 |
| 170.0 | 581.8 | 525.5 | 638.1 | 9.7 | 4.5 | 2.1 |
| 175.0 | 523.4 | 472.2 | 574.7 | 9.8 | 4.7 | 2.1 |
| 180.0 | 472.0 | 425.3 | 518.7 | 9.9 | 4.8 | 2.0 |
| 185.0 | 426.5 | 383.8 | 469.1 | 10.0 | 5.0 | 2.0 |
| 190.0 | 386.1 | 347.1 | 425.2 | 10.1 | 5.1 | 2.0 |
| 195.0 | 350.3 | 314.6 | 386.1 | 10.2 | 5.3 | 1.9 |
| 200.0 | 318.5 | 285.7 | 351.3 | 10.3 | 5.5 | 1.9 |
| 205.0 | 290.0 | 259.9 | 320.2 | 10.4 | 5.6 | 1.9 |
| 210.0 | 264.6 | 236.9 | 292.4 | 10.5 | 5.8 | 1.8 |
| 215.0 | 241.9 | 216.3 | 267.5 | 10.6 | 5.9 | 1.8 |
| 220.0 | 221.5 | 197.8 | 245.1 | 10.7 | 6.1 | 1.7 |
| 225.0 | 203.1 | 181.2 | 225.0 | 10.8 | 6.3 | 1.7 |
| 230.0 | 186.6 | 166.3 | 206.8 | 10.9 | 6.5 | 1.7 |
| 235.0 | 171.7 | 152.9 | 190.4 | 10.9 | 6.6 | 1.6 |

| B57550G0503J000 | | | | | | |
|------------------------|---|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8403 | | | | | |
| T (°C) | $B_{0/100} = 3970 \text{ K}$, $R_{25} = 50000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 240.0 | 158.2 | 140.8 | 175.6 | 11.0 | 6.8 | 1.6 |
| 245.0 | 146.0 | 129.8 | 162.2 | 11.1 | 7.0 | 1.6 |
| 250.0 | 134.9 | 119.8 | 150.0 | 11.2 | 7.2 | 1.6 |
| 255.0 | 124.9 | 110.8 | 139.0 | 11.3 | 7.4 | 1.5 |
| 260.0 | 115.8 | 102.6 | 128.9 | 11.3 | 7.5 | 1.5 |
| 265.0 | 107.4 | 95.17 | 119.7 | 11.4 | 7.7 | 1.5 |
| 270.0 | 99.86 | 88.37 | 111.3 | 11.5 | 7.9 | 1.5 |
| 275.0 | 92.92 | 82.17 | 103.7 | 11.6 | 8.1 | 1.4 |
| 280.0 | 86.58 | 76.49 | 96.66 | 11.6 | 8.3 | 1.4 |
| 285.0 | 80.77 | 71.30 | 90.23 | 11.7 | 8.5 | 1.4 |
| 290.0 | 75.43 | 66.54 | 84.33 | 11.8 | 8.7 | 1.4 |
| 295.0 | 70.54 | 62.17 | 78.90 | 11.9 | 8.9 | 1.3 |
| 300.0 | 66.03 | 58.16 | 73.91 | 11.9 | 9.1 | 1.3 |

| B57550G0104F000 | | | | | | |
|------------------------|--|-------------------|-------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8404 | | | | | |
| T (°C) | $B_{0/100} = 4036 \text{ K}$, $R_{25} = 100000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{nom}[\Omega]$ | $R_{min}[\Omega]$ | $R_{max}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| -55.0 | 9877500 | 9271000 | 10484000 | 6.1 | 0.8 | 7.4 |
| -50.0 | 6864800 | 6473400 | 7256200 | 5.7 | 0.8 | 7.1 |
| -45.0 | 4833700 | 4578300 | 5089000 | 5.3 | 0.8 | 6.9 |
| -40.0 | 3445800 | 3277400 | 3614100 | 4.9 | 0.7 | 6.7 |
| -35.0 | 2485200 | 2373300 | 2597100 | 4.5 | 0.7 | 6.4 |
| -30.0 | 1812400 | 1737300 | 1887400 | 4.1 | 0.7 | 6.2 |
| -25.0 | 1335600 | 1285000 | 1386300 | 3.8 | 0.6 | 6.0 |
| -20.0 | 994130 | 959740 | 1028500 | 3.5 | 0.6 | 5.8 |
| -15.0 | 747000 | 723540 | 770460 | 3.1 | 0.6 | 5.6 |
| -10.0 | 566390 | 550330 | 582440 | 2.8 | 0.5 | 5.4 |
| -5.0 | 433140 | 422130 | 444150 | 2.5 | 0.5 | 5.3 |
| 0.0 | 333960 | 326420 | 341510 | 2.3 | 0.4 | 5.2 |
| 5.0 | 258500 | 253360 | 263640 | 2.0 | 0.4 | 5.0 |
| 10.0 | 201660 | 198180 | 205140 | 1.7 | 0.4 | 4.9 |
| 15.0 | 158500 | 156160 | 160840 | 1.5 | 0.3 | 4.7 |
| 20.0 | 125470 | 123920 | 127020 | 1.2 | 0.3 | 4.6 |
| 25.0 | 100000 | 99000 | 101000 | 1.0 | 0.2 | 4.5 |
| 30.0 | 80223 | 79239 | 81206 | 1.2 | 0.3 | 4.3 |
| 35.0 | 64759 | 63823 | 65695 | 1.4 | 0.3 | 4.2 |
| 40.0 | 52589 | 51718 | 53460 | 1.7 | 0.4 | 4.1 |
| 45.0 | 42951 | 42151 | 43751 | 1.9 | 0.5 | 4.0 |

| B57550G0104F000 | | | | | | |
|------------------------|---|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8404 | | | | | |
| T (°C) | $B_{0/100} = 4036 \text{ K}, R_{25} = 100000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 1\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 50.0 | 35272 | 34544 | 36000 | 2.1 | 0.5 | 3.9 |
| 55.0 | 29119 | 28462 | 29776 | 2.3 | 0.6 | 3.8 |
| 60.0 | 24161 | 23570 | 24752 | 2.4 | 0.7 | 3.7 |
| 65.0 | 20144 | 19615 | 20674 | 2.6 | 0.7 | 3.6 |
| 70.0 | 16874 | 16400 | 17348 | 2.8 | 0.8 | 3.5 |
| 75.0 | 14198 | 13775 | 14622 | 3.0 | 0.9 | 3.4 |
| 80.0 | 11998 | 11620 | 12376 | 3.2 | 0.9 | 3.3 |
| 85.0 | 10181 | 9844 | 10519 | 3.3 | 1.0 | 3.2 |
| 90.0 | 8674 | 8373 | 8976 | 3.5 | 1.1 | 3.2 |
| 95.0 | 7419 | 7149 | 7688 | 3.6 | 1.2 | 3.1 |
| 100.0 | 6369 | 6128 | 6610 | 3.8 | 1.3 | 3.0 |
| 105.0 | 5487 | 5271 | 5703 | 3.9 | 1.3 | 2.9 |
| 110.0 | 4744 | 4550 | 4937 | 4.1 | 1.4 | 2.9 |
| 115.0 | 4115 | 3941 | 4288 | 4.2 | 1.5 | 2.8 |
| 120.0 | 3581 | 3425 | 3737 | 4.4 | 1.6 | 2.7 |
| 125.0 | 3126 | 2985 | 3266 | 4.5 | 1.7 | 2.7 |
| 130.0 | 2737 | 2610 | 2864 | 4.6 | 1.8 | 2.6 |
| 135.0 | 2404 | 2289 | 2518 | 4.8 | 1.8 | 2.6 |
| 140.0 | 2117 | 2013 | 2220 | 4.9 | 1.9 | 2.5 |
| 145.0 | 1869 | 1776 | 1963 | 5.0 | 2.0 | 2.5 |
| 150.0 | 1655 | 1570 | 1740 | 5.1 | 2.1 | 2.4 |
| 155.0 | 1469 | 1392 | 1546 | 5.2 | 2.2 | 2.4 |
| 160.0 | 1307 | 1237 | 1377 | 5.4 | 2.3 | 2.3 |
| 165.0 | 1166 | 1102 | 1230 | 5.5 | 2.4 | 2.3 |
| 170.0 | 1043 | 984.6 | 1101 | 5.6 | 2.5 | 2.2 |
| 175.0 | 934.5 | 881.4 | 987.5 | 5.7 | 2.6 | 2.2 |
| 180.0 | 839.3 | 790.7 | 887.8 | 5.8 | 2.7 | 2.1 |
| 185.0 | 755.4 | 710.9 | 799.9 | 5.9 | 2.8 | 2.1 |
| 190.0 | 681.3 | 640.5 | 722.2 | 6.0 | 2.9 | 2.0 |
| 195.0 | 615.8 | 578.3 | 653.3 | 6.1 | 3.0 | 2.0 |
| 200.0 | 557.6 | 523.1 | 592.1 | 6.2 | 3.1 | 2.0 |
| 205.0 | 505.9 | 474.1 | 537.7 | 6.3 | 3.3 | 1.9 |
| 210.0 | 459.9 | 430.6 | 489.2 | 6.4 | 3.4 | 1.9 |
| 215.0 | 418.8 | 391.7 | 445.8 | 6.5 | 3.5 | 1.9 |
| 220.0 | 382.0 | 357.0 | 407.0 | 6.6 | 3.6 | 1.8 |
| 225.0 | 349.1 | 325.9 | 372.2 | 6.6 | 3.7 | 1.8 |
| 230.0 | 319.5 | 298.0 | 341.0 | 6.7 | 3.8 | 1.8 |
| 235.0 | 292.9 | 273.0 | 312.9 | 6.8 | 4.0 | 1.7 |
| 240.0 | 269.0 | 250.4 | 287.5 | 6.9 | 4.1 | 1.7 |
| 245.0 | 247.3 | 230.1 | 264.6 | 7.0 | 4.2 | 1.7 |

| B57550G0104F000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8404 | | | | | |
| T (°C) | B _{0/100} = 4036 K, R ₂₅ = 100000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 250.0 | 227.8 | 211.7 | 243.9 | 7.1 | 4.3 | 1.6 |
| 255.0 | 210.1 | 195.1 | 225.1 | 7.1 | 4.5 | 1.6 |
| 260.0 | 194.1 | 180.1 | 208.1 | 7.2 | 4.6 | 1.6 |
| 265.0 | 179.5 | 166.4 | 192.6 | 7.3 | 4.7 | 1.5 |
| 270.0 | 166.3 | 154.0 | 178.5 | 7.4 | 4.8 | 1.5 |
| 275.0 | 154.2 | 142.8 | 165.7 | 7.4 | 5.0 | 1.5 |
| 280.0 | 143.2 | 132.5 | 154.0 | 7.5 | 5.1 | 1.5 |
| 285.0 | 133.2 | 123.1 | 143.2 | 7.6 | 5.2 | 1.4 |
| 290.0 | 124.0 | 114.5 | 133.4 | 7.6 | 5.4 | 1.4 |
| 295.0 | 115.5 | 106.6 | 124.5 | 7.7 | 5.5 | 1.4 |
| 300.0 | 107.8 | 99.44 | 116.2 | 7.8 | 5.7 | 1.4 |

| B57550G0104G000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8404 | | | | | |
| T (°C) | B _{0/100} = 4036 K, R ₂₅ = 100000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 9877500 | 9167200 | 10588000 | 7.2 | 1.0 | 7.4 |
| -50.0 | 6864800 | 6401600 | 7328000 | 6.7 | 0.9 | 7.1 |
| -45.0 | 4833700 | 4527900 | 5139400 | 6.3 | 0.9 | 6.9 |
| -40.0 | 3445800 | 3241700 | 3649800 | 5.9 | 0.9 | 6.7 |
| -35.0 | 2485200 | 2347600 | 2622800 | 5.5 | 0.9 | 6.4 |
| -30.0 | 1812400 | 1718600 | 1906100 | 5.2 | 0.8 | 6.2 |
| -25.0 | 1335600 | 1271200 | 1400000 | 4.8 | 0.8 | 6.0 |
| -20.0 | 994130 | 949550 | 1038700 | 4.5 | 0.8 | 5.8 |
| -15.0 | 747000 | 715910 | 778090 | 4.2 | 0.7 | 5.6 |
| -10.0 | 566390 | 544560 | 588210 | 3.9 | 0.7 | 5.4 |
| -5.0 | 433140 | 417740 | 448550 | 3.6 | 0.7 | 5.3 |
| 0.0 | 333960 | 323040 | 344890 | 3.3 | 0.6 | 5.2 |
| 5.0 | 258500 | 250750 | 266250 | 3.0 | 0.6 | 5.0 |
| 10.0 | 201660 | 196150 | 207170 | 2.7 | 0.6 | 4.9 |
| 15.0 | 158500 | 154570 | 162430 | 2.5 | 0.5 | 4.7 |
| 20.0 | 125470 | 122660 | 128270 | 2.2 | 0.5 | 4.6 |
| 25.0 | 100000 | 98000 | 102000 | 2.0 | 0.4 | 4.5 |
| 30.0 | 80223 | 78435 | 82010 | 2.2 | 0.5 | 4.3 |
| 35.0 | 64759 | 63173 | 66345 | 2.4 | 0.6 | 4.2 |
| 40.0 | 52589 | 51188 | 53990 | 2.7 | 0.6 | 4.1 |
| 45.0 | 42951 | 41718 | 44184 | 2.9 | 0.7 | 4.0 |
| 50.0 | 35272 | 34188 | 36356 | 3.1 | 0.8 | 3.9 |
| 55.0 | 29119 | 28167 | 30071 | 3.3 | 0.9 | 3.8 |

| B57550G0104G000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8404 | | | | | |
| T (°C) | $B_{0/100} = 4036 \text{ K}$, $R_{25} = 100000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 2\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 60.0 | 24161 | 23325 | 24997 | 3.5 | 0.9 | 3.7 |
| 65.0 | 20144 | 19410 | 20879 | 3.6 | 1.0 | 3.6 |
| 70.0 | 16874 | 16228 | 17520 | 3.8 | 1.1 | 3.5 |
| 75.0 | 14198 | 13630 | 14766 | 4.0 | 1.2 | 3.4 |
| 80.0 | 11998 | 11498 | 12499 | 4.2 | 1.3 | 3.3 |
| 85.0 | 10181 | 9740 | 10623 | 4.3 | 1.3 | 3.2 |
| 90.0 | 8674 | 8284 | 9065 | 4.5 | 1.4 | 3.2 |
| 95.0 | 7419 | 7073 | 7765 | 4.7 | 1.5 | 3.1 |
| 100.0 | 6369 | 6062 | 6675 | 4.8 | 1.6 | 3.0 |
| 105.0 | 5487 | 5215 | 5759 | 5.0 | 1.7 | 2.9 |
| 110.0 | 4744 | 4501 | 4986 | 5.1 | 1.8 | 2.9 |
| 115.0 | 4115 | 3899 | 4331 | 5.3 | 1.9 | 2.8 |
| 120.0 | 3581 | 3388 | 3774 | 5.4 | 2.0 | 2.7 |
| 125.0 | 3126 | 2953 | 3299 | 5.5 | 2.1 | 2.7 |
| 130.0 | 2737 | 2582 | 2892 | 5.7 | 2.2 | 2.6 |
| 135.0 | 2404 | 2264 | 2543 | 5.8 | 2.3 | 2.6 |
| 140.0 | 2117 | 1991 | 2242 | 5.9 | 2.4 | 2.5 |
| 145.0 | 1869 | 1756 | 1982 | 6.0 | 2.5 | 2.5 |
| 150.0 | 1655 | 1553 | 1757 | 6.2 | 2.6 | 2.4 |
| 155.0 | 1469 | 1377 | 1561 | 6.3 | 2.7 | 2.4 |
| 160.0 | 1307 | 1224 | 1391 | 6.4 | 2.8 | 2.3 |
| 165.0 | 1166 | 1090 | 1242 | 6.5 | 2.9 | 2.3 |
| 170.0 | 1043 | 973.7 | 1112 | 6.6 | 3.0 | 2.2 |
| 175.0 | 934.5 | 871.6 | 997.3 | 6.7 | 3.1 | 2.2 |
| 180.0 | 839.3 | 781.9 | 896.6 | 6.8 | 3.2 | 2.1 |
| 185.0 | 755.4 | 703.0 | 807.8 | 6.9 | 3.3 | 2.1 |
| 190.0 | 681.3 | 633.4 | 729.3 | 7.0 | 3.4 | 2.0 |
| 195.0 | 615.8 | 571.8 | 659.7 | 7.1 | 3.6 | 2.0 |
| 200.0 | 557.6 | 517.3 | 598.0 | 7.2 | 3.7 | 2.0 |
| 205.0 | 505.9 | 468.8 | 543.0 | 7.3 | 3.8 | 1.9 |
| 210.0 | 459.9 | 425.7 | 494.0 | 7.4 | 3.9 | 1.9 |
| 215.0 | 418.8 | 387.3 | 450.2 | 7.5 | 4.1 | 1.9 |
| 220.0 | 382.0 | 352.9 | 411.1 | 7.6 | 4.2 | 1.8 |
| 225.0 | 349.1 | 322.2 | 375.9 | 7.7 | 4.3 | 1.8 |
| 230.0 | 319.5 | 294.6 | 344.4 | 7.8 | 4.4 | 1.8 |
| 235.0 | 292.9 | 269.9 | 315.9 | 7.9 | 4.6 | 1.7 |
| 240.0 | 269.0 | 247.6 | 290.3 | 8.0 | 4.7 | 1.7 |
| 245.0 | 247.3 | 227.5 | 267.2 | 8.0 | 4.8 | 1.7 |
| 250.0 | 227.8 | 209.3 | 246.3 | 8.1 | 5.0 | 1.6 |
| 255.0 | 210.1 | 192.9 | 227.3 | 8.2 | 5.1 | 1.6 |

| B57550G0104G000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8404 | | | | | |
| T (°C) | B _{0/100} = 4036 K, R ₂₅ = 100000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 260.0 | 194.1 | 178.0 | 210.1 | 8.3 | 5.3 | 1.6 |
| 265.0 | 179.5 | 164.5 | 194.5 | 8.3 | 5.4 | 1.5 |
| 270.0 | 166.3 | 152.3 | 180.3 | 8.4 | 5.5 | 1.5 |
| 275.0 | 154.2 | 141.1 | 167.3 | 8.5 | 5.7 | 1.5 |
| 280.0 | 143.2 | 130.9 | 155.5 | 8.6 | 5.8 | 1.5 |
| 285.0 | 133.2 | 121.7 | 144.7 | 8.6 | 6.0 | 1.4 |
| 290.0 | 124.0 | 113.2 | 134.8 | 8.7 | 6.1 | 1.4 |
| 295.0 | 115.5 | 105.4 | 125.7 | 8.8 | 6.3 | 1.4 |
| 300.0 | 107.8 | 98.29 | 117.4 | 8.8 | 6.4 | 1.4 |

| B57550G0104H000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8404 | | | | | |
| T (°C) | B _{0/100} = 4036 K, R ₂₅ = 100000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 9877500 | 9063300 | 10692000 | 8.2 | 1.1 | 7.4 |
| -50.0 | 6864800 | 6329700 | 7399900 | 7.8 | 1.1 | 7.1 |
| -45.0 | 4833700 | 4477500 | 5189800 | 7.4 | 1.1 | 6.9 |
| -40.0 | 3445800 | 3205900 | 3685600 | 7.0 | 1.0 | 6.7 |
| -35.0 | 2485200 | 2321800 | 2648600 | 6.6 | 1.0 | 6.4 |
| -30.0 | 1812400 | 1699900 | 1924800 | 6.2 | 1.0 | 6.2 |
| -25.0 | 1335600 | 1257500 | 1413700 | 5.8 | 1.0 | 6.0 |
| -20.0 | 994130 | 939370 | 1048900 | 5.5 | 0.9 | 5.8 |
| -15.0 | 747000 | 708280 | 785720 | 5.2 | 0.9 | 5.6 |
| -10.0 | 566390 | 538800 | 593980 | 4.9 | 0.9 | 5.4 |
| -5.0 | 433140 | 413340 | 452940 | 4.6 | 0.9 | 5.3 |
| 0.0 | 333960 | 319660 | 348270 | 4.3 | 0.8 | 5.2 |
| 5.0 | 258500 | 248140 | 268860 | 4.0 | 0.8 | 5.0 |
| 10.0 | 201660 | 194120 | 209200 | 3.7 | 0.8 | 4.9 |
| 15.0 | 158500 | 152980 | 164020 | 3.5 | 0.7 | 4.7 |
| 20.0 | 125470 | 121410 | 129530 | 3.2 | 0.7 | 4.6 |
| 25.0 | 100000 | 97000 | 103000 | 3.0 | 0.7 | 4.5 |
| 30.0 | 80223 | 77631 | 82814 | 3.2 | 0.7 | 4.3 |
| 35.0 | 64759 | 62523 | 66995 | 3.5 | 0.8 | 4.2 |
| 40.0 | 52589 | 50659 | 54519 | 3.7 | 0.9 | 4.1 |
| 45.0 | 42951 | 41284 | 44618 | 3.9 | 1.0 | 4.0 |
| 50.0 | 35272 | 33832 | 36713 | 4.1 | 1.1 | 3.9 |
| 55.0 | 29119 | 27872 | 30366 | 4.3 | 1.1 | 3.8 |
| 60.0 | 24161 | 23080 | 25242 | 4.5 | 1.2 | 3.7 |
| 65.0 | 20144 | 19205 | 21084 | 4.7 | 1.3 | 3.6 |

| B57550G0104H000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8404 | | | | | |
| T (°C) | $B_{0/100} = 4036 \text{ K}$, $R_{25} = 100000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 3\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 70.0 | 16874 | 16057 | 17692 | 4.8 | 1.4 | 3.5 |
| 75.0 | 14198 | 13485 | 14911 | 5.0 | 1.5 | 3.4 |
| 80.0 | 11998 | 11375 | 12622 | 5.2 | 1.6 | 3.3 |
| 85.0 | 10181 | 9635 | 10727 | 5.4 | 1.7 | 3.2 |
| 90.0 | 8674 | 8195 | 9154 | 5.5 | 1.7 | 3.2 |
| 95.0 | 7419 | 6997 | 7841 | 5.7 | 1.8 | 3.1 |
| 100.0 | 6369 | 5997 | 6741 | 5.8 | 1.9 | 3.0 |
| 105.0 | 5487 | 5158 | 5816 | 6.0 | 2.0 | 2.9 |
| 110.0 | 4744 | 4452 | 5035 | 6.1 | 2.1 | 2.9 |
| 115.0 | 4115 | 3856 | 4373 | 6.3 | 2.2 | 2.8 |
| 120.0 | 3581 | 3351 | 3811 | 6.4 | 2.3 | 2.7 |
| 125.0 | 3126 | 2921 | 3331 | 6.6 | 2.4 | 2.7 |
| 130.0 | 2737 | 2554 | 2920 | 6.7 | 2.5 | 2.6 |
| 135.0 | 2404 | 2239 | 2568 | 6.8 | 2.7 | 2.6 |
| 140.0 | 2117 | 1969 | 2264 | 7.0 | 2.8 | 2.5 |
| 145.0 | 1869 | 1737 | 2001 | 7.1 | 2.9 | 2.5 |
| 150.0 | 1655 | 1536 | 1774 | 7.2 | 3.0 | 2.4 |
| 155.0 | 1469 | 1362 | 1577 | 7.3 | 3.1 | 2.4 |
| 160.0 | 1307 | 1210 | 1405 | 7.4 | 3.2 | 2.3 |
| 165.0 | 1166 | 1078 | 1254 | 7.6 | 3.3 | 2.3 |
| 170.0 | 1043 | 962.8 | 1123 | 7.7 | 3.5 | 2.2 |
| 175.0 | 934.5 | 861.8 | 1007 | 7.8 | 3.6 | 2.2 |
| 180.0 | 839.3 | 773.1 | 905.4 | 7.9 | 3.7 | 2.1 |
| 185.0 | 755.4 | 695.1 | 815.7 | 8.0 | 3.8 | 2.1 |
| 190.0 | 681.3 | 626.2 | 736.5 | 8.1 | 4.0 | 2.0 |
| 195.0 | 615.8 | 565.4 | 666.2 | 8.2 | 4.1 | 2.0 |
| 200.0 | 557.6 | 511.4 | 603.8 | 8.3 | 4.2 | 2.0 |
| 205.0 | 505.9 | 463.5 | 548.3 | 8.4 | 4.4 | 1.9 |
| 210.0 | 459.9 | 420.9 | 498.9 | 8.5 | 4.5 | 1.9 |
| 215.0 | 418.8 | 382.9 | 454.7 | 8.6 | 4.6 | 1.9 |
| 220.0 | 382.0 | 348.9 | 415.1 | 8.7 | 4.8 | 1.8 |
| 225.0 | 349.1 | 318.5 | 379.6 | 8.8 | 4.9 | 1.8 |
| 230.0 | 319.5 | 291.2 | 347.7 | 8.8 | 5.0 | 1.8 |
| 235.0 | 292.9 | 266.8 | 319.0 | 8.9 | 5.2 | 1.7 |
| 240.0 | 269.0 | 244.7 | 293.2 | 9.0 | 5.3 | 1.7 |
| 245.0 | 247.3 | 224.8 | 269.8 | 9.1 | 5.5 | 1.7 |
| 250.0 | 227.8 | 206.9 | 248.7 | 9.2 | 5.6 | 1.6 |
| 255.0 | 210.1 | 190.7 | 229.6 | 9.3 | 5.8 | 1.6 |
| 260.0 | 194.1 | 176.0 | 212.2 | 9.3 | 5.9 | 1.6 |
| 265.0 | 179.5 | 162.6 | 196.4 | 9.4 | 6.1 | 1.5 |

| B57550G0104H000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8404 | | | | | |
| T (°C) | B _{0/100} = 4036 K, R ₂₅ = 100000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 270.0 | 166.3 | 150.5 | 182.0 | 9.5 | 6.2 | 1.5 |
| 275.0 | 154.2 | 139.5 | 169.0 | 9.6 | 6.4 | 1.5 |
| 280.0 | 143.2 | 129.4 | 157.0 | 9.6 | 6.6 | 1.5 |
| 285.0 | 133.2 | 120.2 | 146.1 | 9.7 | 6.7 | 1.4 |
| 290.0 | 124.0 | 111.8 | 136.1 | 9.8 | 6.9 | 1.4 |
| 295.0 | 115.5 | 104.2 | 126.9 | 9.8 | 7.1 | 1.4 |
| 300.0 | 107.8 | 97.14 | 118.5 | 9.9 | 7.2 | 1.4 |

| B57550G0104J000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8404 | | | | | |
| T (°C) | B _{0/100} = 4036 K, R ₂₅ = 100000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 9877500 | 8855700 | 10899000 | 10.3 | 1.4 | 7.4 |
| -50.0 | 6864800 | 6186000 | 7543500 | 9.9 | 1.4 | 7.1 |
| -45.0 | 4833700 | 4376800 | 5290600 | 9.5 | 1.4 | 6.9 |
| -40.0 | 3445800 | 3134300 | 3757200 | 9.0 | 1.4 | 6.7 |
| -35.0 | 2485200 | 2270400 | 2700000 | 8.6 | 1.3 | 6.4 |
| -30.0 | 1812400 | 1662600 | 1962100 | 8.3 | 1.3 | 6.2 |
| -25.0 | 1335600 | 1230100 | 1441200 | 7.9 | 1.3 | 6.0 |
| -20.0 | 994130 | 919000 | 1069300 | 7.6 | 1.3 | 5.8 |
| -15.0 | 747000 | 693030 | 800980 | 7.2 | 1.3 | 5.6 |
| -10.0 | 566390 | 527260 | 605510 | 6.9 | 1.3 | 5.4 |
| -5.0 | 433140 | 404540 | 461740 | 6.6 | 1.3 | 5.3 |
| 0.0 | 333960 | 312890 | 355030 | 6.3 | 1.2 | 5.2 |
| 5.0 | 258500 | 242920 | 274080 | 6.0 | 1.2 | 5.0 |
| 10.0 | 201660 | 190050 | 213270 | 5.8 | 1.2 | 4.9 |
| 15.0 | 158500 | 149790 | 167210 | 5.5 | 1.2 | 4.7 |
| 20.0 | 125470 | 118890 | 132050 | 5.2 | 1.1 | 4.6 |
| 25.0 | 100000 | 95000 | 105000 | 5.0 | 1.1 | 4.5 |
| 30.0 | 80223 | 76023 | 84422 | 5.2 | 1.2 | 4.3 |
| 35.0 | 64759 | 61222 | 68296 | 5.5 | 1.3 | 4.2 |
| 40.0 | 52589 | 49600 | 55578 | 5.7 | 1.4 | 4.1 |
| 45.0 | 42951 | 40418 | 45484 | 5.9 | 1.5 | 4.0 |
| 50.0 | 35272 | 33119 | 37426 | 6.1 | 1.6 | 3.9 |
| 55.0 | 29119 | 27282 | 30956 | 6.3 | 1.7 | 3.8 |
| 60.0 | 24161 | 22589 | 25732 | 6.5 | 1.8 | 3.7 |
| 65.0 | 20144 | 18796 | 21493 | 6.7 | 1.9 | 3.6 |
| 70.0 | 16874 | 15713 | 18035 | 6.9 | 2.0 | 3.5 |
| 75.0 | 14198 | 13196 | 15201 | 7.1 | 2.1 | 3.4 |

| B57550G0104J000 | | | | | | |
|------------------------|--|--------------------------|--------------------------|-------------------------|-------------------------------|-----------------|
| R/T No. | 8404 | | | | | |
| T (°C) | $B_{0/100} = 4036 \text{ K}$, $R_{25} = 100000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 5\%$ | | | | | |
| | $R_{\text{nom}}[\Omega]$ | $R_{\text{min}}[\Omega]$ | $R_{\text{max}}[\Omega]$ | $\Delta R_R/R_R[\pm\%]$ | $\Delta T[\pm^\circ\text{C}]$ | $\alpha (\%/K)$ |
| 80.0 | 11998 | 11130 | 12867 | 7.2 | 2.2 | 3.3 |
| 85.0 | 10181 | 9427 | 10936 | 7.4 | 2.3 | 3.2 |
| 90.0 | 8674 | 8017 | 9331 | 7.6 | 2.4 | 3.2 |
| 95.0 | 7419 | 6845 | 7993 | 7.7 | 2.5 | 3.1 |
| 100.0 | 6369 | 5866 | 6872 | 7.9 | 2.6 | 3.0 |
| 105.0 | 5487 | 5045 | 5929 | 8.1 | 2.7 | 2.9 |
| 110.0 | 4744 | 4355 | 5133 | 8.2 | 2.9 | 2.9 |
| 115.0 | 4115 | 3771 | 4458 | 8.3 | 3.0 | 2.8 |
| 120.0 | 3581 | 3277 | 3885 | 8.5 | 3.1 | 2.7 |
| 125.0 | 3126 | 2856 | 3396 | 8.6 | 3.2 | 2.7 |
| 130.0 | 2737 | 2497 | 2977 | 8.8 | 3.3 | 2.6 |
| 135.0 | 2404 | 2190 | 2617 | 8.9 | 3.5 | 2.6 |
| 140.0 | 2117 | 1925 | 2308 | 9.0 | 3.6 | 2.5 |
| 145.0 | 1869 | 1698 | 2040 | 9.2 | 3.7 | 2.5 |
| 150.0 | 1655 | 1501 | 1809 | 9.3 | 3.9 | 2.4 |
| 155.0 | 1469 | 1331 | 1607 | 9.4 | 4.0 | 2.4 |
| 160.0 | 1307 | 1183 | 1432 | 9.5 | 4.1 | 2.3 |
| 165.0 | 1166 | 1054 | 1279 | 9.6 | 4.3 | 2.3 |
| 170.0 | 1043 | 941.0 | 1144 | 9.8 | 4.4 | 2.2 |
| 175.0 | 934.5 | 842.3 | 1027 | 9.9 | 4.5 | 2.2 |
| 180.0 | 839.3 | 755.6 | 923.0 | 10.0 | 4.7 | 2.1 |
| 185.0 | 755.4 | 679.2 | 831.6 | 10.1 | 4.8 | 2.1 |
| 190.0 | 681.3 | 611.9 | 750.8 | 10.2 | 5.0 | 2.0 |
| 195.0 | 615.8 | 552.4 | 679.1 | 10.3 | 5.1 | 2.0 |
| 200.0 | 557.6 | 499.7 | 615.6 | 10.4 | 5.3 | 2.0 |
| 205.0 | 505.9 | 452.9 | 559.0 | 10.5 | 5.4 | 1.9 |
| 210.0 | 459.9 | 411.2 | 508.5 | 10.6 | 5.6 | 1.9 |
| 215.0 | 418.8 | 374.0 | 463.5 | 10.7 | 5.8 | 1.9 |
| 220.0 | 382.0 | 340.8 | 423.1 | 10.8 | 5.9 | 1.8 |
| 225.0 | 349.1 | 311.1 | 387.0 | 10.9 | 6.1 | 1.8 |
| 230.0 | 319.5 | 284.5 | 354.5 | 11.0 | 6.2 | 1.8 |
| 235.0 | 292.9 | 260.6 | 325.2 | 11.0 | 6.4 | 1.7 |
| 240.0 | 269.0 | 239.0 | 298.9 | 11.1 | 6.6 | 1.7 |
| 245.0 | 247.3 | 219.6 | 275.1 | 11.2 | 6.8 | 1.7 |
| 250.0 | 227.8 | 202.1 | 253.5 | 11.3 | 6.9 | 1.6 |
| 255.0 | 210.1 | 186.2 | 234.0 | 11.4 | 7.1 | 1.6 |
| 260.0 | 194.1 | 171.9 | 216.3 | 11.5 | 7.3 | 1.6 |
| 265.0 | 179.5 | 158.8 | 200.2 | 11.5 | 7.5 | 1.5 |
| 270.0 | 166.3 | 147.0 | 185.6 | 11.6 | 7.6 | 1.5 |
| 275.0 | 154.2 | 136.2 | 172.2 | 11.7 | 7.8 | 1.5 |

| B57550G0104J000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8404 | | | | | |
| T (°C) | B _{0/100} = 4036 K, R ₂₅ = 100000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 280.0 | 143.2 | 126.4 | 160.1 | 11.8 | 8.0 | 1.5 |
| 285.0 | 133.2 | 117.4 | 148.9 | 11.8 | 8.2 | 1.4 |
| 290.0 | 124.0 | 109.2 | 138.7 | 11.9 | 8.4 | 1.4 |
| 295.0 | 115.5 | 101.7 | 129.4 | 12.0 | 8.6 | 1.4 |
| 300.0 | 107.8 | 94.84 | 120.8 | 12.0 | 8.8 | 1.4 |
| B57550G0234F000 | | | | | | |
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 28088000 | 26179000 | 29997000 | 6.8 | 0.9 | 7.8 |
| -50.0 | 19160000 | 17953000 | 20367000 | 6.3 | 0.8 | 7.5 |
| -45.0 | 13253000 | 12480000 | 14025000 | 5.8 | 0.8 | 7.2 |
| -40.0 | 9286900 | 8787500 | 9786200 | 5.4 | 0.8 | 7.0 |
| -35.0 | 6588800 | 6262800 | 6914700 | 4.9 | 0.7 | 6.7 |
| -30.0 | 4729500 | 4514900 | 4944100 | 4.5 | 0.7 | 6.5 |
| -25.0 | 3432700 | 3290400 | 3575000 | 4.1 | 0.7 | 6.3 |
| -20.0 | 2517800 | 2422900 | 2612700 | 3.8 | 0.6 | 6.1 |
| -15.0 | 1865300 | 1801700 | 1928900 | 3.4 | 0.6 | 5.9 |
| -10.0 | 1395100 | 1352300 | 1437800 | 3.1 | 0.5 | 5.7 |
| -5.0 | 1052900 | 1024100 | 1081600 | 2.7 | 0.5 | 5.5 |
| 0.0 | 801440 | 782080 | 820810 | 2.4 | 0.4 | 5.4 |
| 5.0 | 615090 | 602110 | 628080 | 2.1 | 0.4 | 5.2 |
| 10.0 | 475780 | 467140 | 484430 | 1.8 | 0.4 | 5.1 |
| 15.0 | 370790 | 365100 | 376480 | 1.5 | 0.3 | 4.9 |
| 20.0 | 291030 | 287360 | 294710 | 1.3 | 0.3 | 4.8 |
| 25.0 | 230000 | 227700 | 232300 | 1.0 | 0.2 | 4.6 |
| 30.0 | 182960 | 180670 | 185250 | 1.3 | 0.3 | 4.5 |
| 35.0 | 146460 | 144260 | 148650 | 1.5 | 0.3 | 4.4 |
| 40.0 | 117940 | 115890 | 119990 | 1.7 | 0.4 | 4.3 |
| 45.0 | 95528 | 93646 | 97411 | 2.0 | 0.5 | 4.2 |
| 50.0 | 77804 | 76095 | 79512 | 2.2 | 0.5 | 4.1 |
| 55.0 | 63706 | 62167 | 65244 | 2.4 | 0.6 | 3.9 |
| 60.0 | 52429 | 51052 | 53807 | 2.6 | 0.7 | 3.8 |
| 65.0 | 43361 | 42132 | 44591 | 2.8 | 0.8 | 3.7 |
| 70.0 | 36032 | 34938 | 37126 | 3.0 | 0.8 | 3.7 |
| 75.0 | 30078 | 29106 | 31050 | 3.2 | 0.9 | 3.6 |
| 80.0 | 25218 | 24355 | 26081 | 3.4 | 1.0 | 3.5 |
| 85.0 | 21233 | 20467 | 21999 | 3.6 | 1.1 | 3.4 |

| B57550G0234F000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 90.0 | 17951 | 17271 | 18631 | 3.8 | 1.1 | 3.3 |
| 95.0 | 15236 | 14632 | 15840 | 4.0 | 1.2 | 3.2 |
| 100.0 | 12981 | 12444 | 13518 | 4.1 | 1.3 | 3.2 |
| 105.0 | 11100 | 10622 | 11578 | 4.3 | 1.4 | 3.1 |
| 110.0 | 9526 | 9100 | 9951 | 4.5 | 1.5 | 3.0 |
| 115.0 | 8203 | 7823 | 8582 | 4.6 | 1.6 | 3.0 |
| 120.0 | 7087 | 6748 | 7426 | 4.8 | 1.7 | 2.9 |
| 125.0 | 6142 | 5839 | 6445 | 4.9 | 1.7 | 2.8 |
| 130.0 | 5340 | 5069 | 5612 | 5.1 | 1.8 | 2.8 |
| 135.0 | 4657 | 4413 | 4900 | 5.2 | 1.9 | 2.7 |
| 140.0 | 4073 | 3854 | 4291 | 5.4 | 2.0 | 2.7 |
| 145.0 | 3572 | 3375 | 3769 | 5.5 | 2.1 | 2.6 |
| 150.0 | 3141 | 2964 | 3319 | 5.6 | 2.2 | 2.5 |
| 155.0 | 2770 | 2610 | 2930 | 5.8 | 2.3 | 2.5 |
| 160.0 | 2449 | 2304 | 2593 | 5.9 | 2.4 | 2.4 |
| 165.0 | 2170 | 2039 | 2301 | 6.0 | 2.5 | 2.4 |
| 170.0 | 1928 | 1809 | 2047 | 6.2 | 2.6 | 2.3 |
| 175.0 | 1717 | 1609 | 1825 | 6.3 | 2.7 | 2.3 |
| 180.0 | 1532 | 1434 | 1631 | 6.4 | 2.8 | 2.3 |
| 185.0 | 1371 | 1282 | 1460 | 6.5 | 3.0 | 2.2 |
| 190.0 | 1229 | 1147 | 1310 | 6.6 | 3.1 | 2.2 |
| 195.0 | 1104 | 1030 | 1178 | 6.7 | 3.2 | 2.1 |
| 200.0 | 993.8 | 925.7 | 1062 | 6.8 | 3.3 | 2.1 |
| 205.0 | 896.4 | 834.0 | 958.7 | 7.0 | 3.4 | 2.0 |
| 210.0 | 810.0 | 752.9 | 867.2 | 7.1 | 3.5 | 2.0 |
| 215.0 | 733.4 | 680.9 | 786.0 | 7.2 | 3.6 | 2.0 |
| 220.0 | 665.3 | 616.9 | 713.6 | 7.3 | 3.8 | 1.9 |
| 225.0 | 604.5 | 560.0 | 649.0 | 7.4 | 3.9 | 1.9 |
| 230.0 | 550.3 | 509.2 | 591.3 | 7.5 | 4.0 | 1.9 |
| 235.0 | 501.8 | 463.8 | 539.7 | 7.6 | 4.1 | 1.8 |
| 240.0 | 458.3 | 423.2 | 493.3 | 7.6 | 4.3 | 1.8 |
| 245.0 | 419.2 | 386.8 | 451.7 | 7.7 | 4.4 | 1.8 |
| 250.0 | 384.1 | 354.0 | 414.2 | 7.8 | 4.5 | 1.7 |
| 255.0 | 352.5 | 324.5 | 380.4 | 7.9 | 4.6 | 1.7 |
| 260.0 | 323.9 | 298.0 | 349.8 | 8.0 | 4.8 | 1.7 |
| 265.0 | 298.1 | 274.0 | 322.2 | 8.1 | 4.9 | 1.6 |
| 270.0 | 274.8 | 252.3 | 297.2 | 8.2 | 5.1 | 1.6 |
| 275.0 | 253.6 | 232.6 | 274.5 | 8.3 | 5.2 | 1.6 |
| 280.0 | 234.4 | 214.8 | 253.9 | 8.3 | 5.3 | 1.6 |
| 285.0 | 216.9 | 198.6 | 235.1 | 8.4 | 5.5 | 1.5 |

| B57550G0234F000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 290.0 | 201.0 | 183.9 | 218.0 | 8.5 | 5.6 | 1.5 |
| 295.0 | 186.4 | 170.5 | 202.4 | 8.6 | 5.8 | 1.5 |
| 300.0 | 173.2 | 158.2 | 188.2 | 8.7 | 5.9 | 1.5 |
| B57550G0234G000 | | | | | | |
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 28088000 | 25882000 | 30294000 | 7.9 | 1.0 | 7.8 |
| -50.0 | 19160000 | 17752000 | 20569000 | 7.4 | 1.0 | 7.5 |
| -45.0 | 13253000 | 12341000 | 14164000 | 6.9 | 0.9 | 7.2 |
| -40.0 | 9286900 | 8690600 | 9883100 | 6.4 | 0.9 | 7.0 |
| -35.0 | 6588800 | 6194300 | 6983200 | 6.0 | 0.9 | 6.7 |
| -30.0 | 4729500 | 4466000 | 4993000 | 5.6 | 0.9 | 6.5 |
| -25.0 | 3432700 | 3255100 | 3610400 | 5.2 | 0.8 | 6.3 |
| -20.0 | 2517800 | 2397100 | 2638600 | 4.8 | 0.8 | 6.1 |
| -15.0 | 1865300 | 1782600 | 1948000 | 4.4 | 0.8 | 5.9 |
| -10.0 | 1395100 | 1338100 | 1452100 | 4.1 | 0.7 | 5.7 |
| -5.0 | 1052900 | 1013400 | 1092300 | 3.8 | 0.7 | 5.5 |
| 0.0 | 801440 | 773950 | 828940 | 3.4 | 0.6 | 5.4 |
| 5.0 | 615090 | 595890 | 634300 | 3.1 | 0.6 | 5.2 |
| 10.0 | 475780 | 462340 | 489230 | 2.8 | 0.6 | 5.1 |
| 15.0 | 370790 | 361370 | 380200 | 2.5 | 0.5 | 4.9 |
| 20.0 | 291030 | 284440 | 297620 | 2.3 | 0.5 | 4.8 |
| 25.0 | 230000 | 225400 | 234600 | 2.0 | 0.4 | 4.6 |
| 30.0 | 182960 | 178830 | 187090 | 2.3 | 0.5 | 4.5 |
| 35.0 | 146460 | 142790 | 150130 | 2.5 | 0.6 | 4.4 |
| 40.0 | 117940 | 114700 | 121180 | 2.7 | 0.6 | 4.3 |
| 45.0 | 95528 | 92681 | 98376 | 3.0 | 0.7 | 4.2 |
| 50.0 | 77804 | 75308 | 80300 | 3.2 | 0.8 | 4.1 |
| 55.0 | 63706 | 61521 | 65890 | 3.4 | 0.9 | 3.9 |
| 60.0 | 52429 | 50519 | 54340 | 3.6 | 0.9 | 3.8 |
| 65.0 | 43361 | 41691 | 45032 | 3.9 | 1.0 | 3.7 |
| 70.0 | 36032 | 34571 | 37493 | 4.1 | 1.1 | 3.7 |
| 75.0 | 30078 | 28799 | 31357 | 4.3 | 1.2 | 3.6 |
| 80.0 | 25218 | 24097 | 26340 | 4.4 | 1.3 | 3.5 |
| 85.0 | 21233 | 20249 | 22217 | 4.6 | 1.4 | 3.4 |
| 90.0 | 17951 | 17087 | 18816 | 4.8 | 1.5 | 3.3 |
| 95.0 | 15236 | 14475 | 15997 | 5.0 | 1.5 | 3.2 |

| B57550G0234G000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 100.0 | 12981 | 12310 | 13652 | 5.2 | 1.6 | 3.2 |
| 105.0 | 11100 | 10508 | 11693 | 5.3 | 1.7 | 3.1 |
| 110.0 | 9526 | 9002 | 10050 | 5.5 | 1.8 | 3.0 |
| 115.0 | 8203 | 7738 | 8667 | 5.7 | 1.9 | 3.0 |
| 120.0 | 7087 | 6674 | 7499 | 5.8 | 2.0 | 2.9 |
| 125.0 | 6142 | 5775 | 6509 | 6.0 | 2.1 | 2.8 |
| 130.0 | 5340 | 5013 | 5667 | 6.1 | 2.2 | 2.8 |
| 135.0 | 4657 | 4365 | 4949 | 6.3 | 2.3 | 2.7 |
| 140.0 | 4073 | 3812 | 4334 | 6.4 | 2.4 | 2.7 |
| 145.0 | 3572 | 3338 | 3806 | 6.6 | 2.5 | 2.6 |
| 150.0 | 3141 | 2931 | 3351 | 6.7 | 2.6 | 2.5 |
| 155.0 | 2770 | 2581 | 2959 | 6.8 | 2.7 | 2.5 |
| 160.0 | 2449 | 2279 | 2619 | 7.0 | 2.9 | 2.4 |
| 165.0 | 2170 | 2017 | 2324 | 7.1 | 3.0 | 2.4 |
| 170.0 | 1928 | 1789 | 2067 | 7.2 | 3.1 | 2.3 |
| 175.0 | 1717 | 1591 | 1843 | 7.3 | 3.2 | 2.3 |
| 180.0 | 1532 | 1418 | 1647 | 7.4 | 3.3 | 2.3 |
| 185.0 | 1371 | 1267 | 1475 | 7.6 | 3.4 | 2.2 |
| 190.0 | 1229 | 1135 | 1323 | 7.7 | 3.5 | 2.2 |
| 195.0 | 1104 | 1018 | 1190 | 7.8 | 3.7 | 2.1 |
| 200.0 | 993.8 | 915.2 | 1072 | 7.9 | 3.8 | 2.1 |
| 205.0 | 896.4 | 824.5 | 968.2 | 8.0 | 3.9 | 2.0 |
| 210.0 | 810.0 | 744.3 | 875.8 | 8.1 | 4.0 | 2.0 |
| 215.0 | 733.4 | 673.1 | 793.7 | 8.2 | 4.2 | 2.0 |
| 220.0 | 665.3 | 609.9 | 720.7 | 8.3 | 4.3 | 1.9 |
| 225.0 | 604.5 | 553.6 | 655.5 | 8.4 | 4.4 | 1.9 |
| 230.0 | 550.3 | 503.4 | 597.2 | 8.5 | 4.6 | 1.9 |
| 235.0 | 501.8 | 458.5 | 545.0 | 8.6 | 4.7 | 1.8 |
| 240.0 | 458.3 | 418.3 | 498.2 | 8.7 | 4.8 | 1.8 |
| 245.0 | 419.2 | 382.3 | 456.1 | 8.8 | 5.0 | 1.8 |
| 250.0 | 384.1 | 349.9 | 418.3 | 8.9 | 5.1 | 1.7 |
| 255.0 | 352.5 | 320.8 | 384.1 | 9.0 | 5.3 | 1.7 |
| 260.0 | 323.9 | 294.5 | 353.3 | 9.1 | 5.4 | 1.7 |
| 265.0 | 298.1 | 270.8 | 325.4 | 9.2 | 5.6 | 1.6 |
| 270.0 | 274.8 | 249.3 | 300.2 | 9.2 | 5.7 | 1.6 |
| 275.0 | 253.6 | 229.9 | 277.2 | 9.3 | 5.9 | 1.6 |
| 280.0 | 234.4 | 212.3 | 256.4 | 9.4 | 6.0 | 1.6 |
| 285.0 | 216.9 | 196.3 | 237.5 | 9.5 | 6.2 | 1.5 |
| 290.0 | 201.0 | 181.7 | 220.2 | 9.6 | 6.3 | 1.5 |
| 295.0 | 186.4 | 168.5 | 204.4 | 9.6 | 6.5 | 1.5 |

| B57550G0234G000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 300.0 | 173.2 | 156.3 | 190.0 | 9.7 | 6.6 | 1.5 |
| B57550G0234H000 | | | | | | |
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 28088000 | 25585000 | 30591000 | 8.9 | 1.1 | 7.8 |
| -50.0 | 19160000 | 17550000 | 20771000 | 8.4 | 1.1 | 7.5 |
| -45.0 | 13253000 | 12203000 | 14303000 | 7.9 | 1.1 | 7.2 |
| -40.0 | 9286900 | 8593700 | 9980000 | 7.5 | 1.1 | 7.0 |
| -35.0 | 6588800 | 6125900 | 7051700 | 7.0 | 1.0 | 6.7 |
| -30.0 | 4729500 | 4417000 | 5042000 | 6.6 | 1.0 | 6.5 |
| -25.0 | 3432700 | 3219700 | 3645800 | 6.2 | 1.0 | 6.3 |
| -20.0 | 2517800 | 2371200 | 2664500 | 5.8 | 1.0 | 6.1 |
| -15.0 | 1865300 | 1763500 | 1967100 | 5.5 | 0.9 | 5.9 |
| -10.0 | 1395100 | 1323800 | 1466300 | 5.1 | 0.9 | 5.7 |
| -5.0 | 1052900 | 1002600 | 1103100 | 4.8 | 0.9 | 5.5 |
| 0.0 | 801440 | 765820 | 837060 | 4.4 | 0.8 | 5.4 |
| 5.0 | 615090 | 589670 | 640520 | 4.1 | 0.8 | 5.2 |
| 10.0 | 475780 | 457540 | 494020 | 3.8 | 0.8 | 5.1 |
| 15.0 | 370790 | 357640 | 383930 | 3.5 | 0.7 | 4.9 |
| 20.0 | 291030 | 281520 | 300540 | 3.3 | 0.7 | 4.8 |
| 25.0 | 230000 | 223100 | 236900 | 3.0 | 0.6 | 4.6 |
| 30.0 | 182960 | 177000 | 188920 | 3.3 | 0.7 | 4.5 |
| 35.0 | 146460 | 141320 | 151600 | 3.5 | 0.8 | 4.4 |
| 40.0 | 117940 | 113520 | 122370 | 3.8 | 0.9 | 4.3 |
| 45.0 | 95528 | 91717 | 99340 | 4.0 | 1.0 | 4.2 |
| 50.0 | 77804 | 74521 | 81087 | 4.2 | 1.0 | 4.1 |
| 55.0 | 63706 | 60875 | 66536 | 4.4 | 1.1 | 3.9 |
| 60.0 | 52429 | 49986 | 54872 | 4.7 | 1.2 | 3.8 |
| 65.0 | 43361 | 41249 | 45474 | 4.9 | 1.3 | 3.7 |
| 70.0 | 36032 | 34203 | 37861 | 5.1 | 1.4 | 3.7 |
| 75.0 | 30078 | 28491 | 31665 | 5.3 | 1.5 | 3.6 |
| 80.0 | 25218 | 23839 | 26598 | 5.5 | 1.6 | 3.5 |
| 85.0 | 21233 | 20032 | 22435 | 5.7 | 1.7 | 3.4 |
| 90.0 | 17951 | 16902 | 19000 | 5.8 | 1.8 | 3.3 |
| 95.0 | 15236 | 14318 | 16154 | 6.0 | 1.9 | 3.2 |
| 100.0 | 12981 | 12176 | 13786 | 6.2 | 2.0 | 3.2 |
| 105.0 | 11100 | 10393 | 11807 | 6.4 | 2.1 | 3.1 |

| B57550G0234H000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 110.0 | 9526 | 8903 | 10148 | 6.5 | 2.2 | 3.0 |
| 115.0 | 8203 | 7653 | 8752 | 6.7 | 2.3 | 3.0 |
| 120.0 | 7087 | 6601 | 7573 | 6.9 | 2.4 | 2.9 |
| 125.0 | 6142 | 5711 | 6573 | 7.0 | 2.5 | 2.8 |
| 130.0 | 5340 | 4958 | 5723 | 7.2 | 2.6 | 2.8 |
| 135.0 | 4657 | 4316 | 4997 | 7.3 | 2.7 | 2.7 |
| 140.0 | 4073 | 3769 | 4376 | 7.5 | 2.8 | 2.7 |
| 145.0 | 3572 | 3301 | 3843 | 7.6 | 2.9 | 2.6 |
| 150.0 | 3141 | 2898 | 3384 | 7.7 | 3.0 | 2.5 |
| 155.0 | 2770 | 2552 | 2988 | 7.9 | 3.2 | 2.5 |
| 160.0 | 2449 | 2253 | 2645 | 8.0 | 3.3 | 2.4 |
| 165.0 | 2170 | 1994 | 2347 | 8.1 | 3.4 | 2.4 |
| 170.0 | 1928 | 1769 | 2087 | 8.3 | 3.5 | 2.3 |
| 175.0 | 1717 | 1573 | 1861 | 8.4 | 3.7 | 2.3 |
| 180.0 | 1532 | 1402 | 1663 | 8.5 | 3.8 | 2.3 |
| 185.0 | 1371 | 1253 | 1489 | 8.6 | 3.9 | 2.2 |
| 190.0 | 1229 | 1122 | 1336 | 8.7 | 4.0 | 2.2 |
| 195.0 | 1104 | 1006 | 1202 | 8.9 | 4.2 | 2.1 |
| 200.0 | 993.8 | 904.7 | 1083 | 9.0 | 4.3 | 2.1 |
| 205.0 | 896.4 | 815.0 | 977.7 | 9.1 | 4.4 | 2.0 |
| 210.0 | 810.0 | 735.7 | 884.4 | 9.2 | 4.6 | 2.0 |
| 215.0 | 733.4 | 665.3 | 801.5 | 9.3 | 4.7 | 2.0 |
| 220.0 | 665.3 | 602.8 | 727.7 | 9.4 | 4.9 | 1.9 |
| 225.0 | 604.5 | 547.2 | 661.9 | 9.5 | 5.0 | 1.9 |
| 230.0 | 550.3 | 497.5 | 603.0 | 9.6 | 5.1 | 1.9 |
| 235.0 | 501.8 | 453.2 | 550.4 | 9.7 | 5.3 | 1.8 |
| 240.0 | 458.3 | 413.4 | 503.1 | 9.8 | 5.4 | 1.8 |
| 245.0 | 419.2 | 377.8 | 460.6 | 9.9 | 5.6 | 1.8 |
| 250.0 | 384.1 | 345.8 | 422.4 | 10.0 | 5.7 | 1.7 |
| 255.0 | 352.5 | 317.0 | 387.9 | 10.1 | 5.9 | 1.7 |
| 260.0 | 323.9 | 291.1 | 356.8 | 10.1 | 6.1 | 1.7 |
| 265.0 | 298.1 | 267.6 | 328.6 | 10.2 | 6.2 | 1.6 |
| 270.0 | 274.8 | 246.4 | 303.1 | 10.3 | 6.4 | 1.6 |
| 275.0 | 253.6 | 227.2 | 280.0 | 10.4 | 6.5 | 1.6 |
| 280.0 | 234.4 | 209.8 | 258.9 | 10.5 | 6.7 | 1.6 |
| 285.0 | 216.9 | 194.0 | 239.8 | 10.6 | 6.9 | 1.5 |
| 290.0 | 201.0 | 179.6 | 222.4 | 10.6 | 7.0 | 1.5 |
| 295.0 | 186.4 | 166.4 | 206.4 | 10.7 | 7.2 | 1.5 |
| 300.0 | 173.2 | 154.5 | 191.9 | 10.8 | 7.4 | 1.5 |

| B57550G0234J000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 28088000 | 24991000 | 31185000 | 11.0 | 1.4 | 7.8 |
| -50.0 | 19160000 | 17147000 | 21174000 | 10.5 | 1.4 | 7.5 |
| -45.0 | 13253000 | 11925000 | 14580000 | 10.0 | 1.4 | 7.2 |
| -40.0 | 9286900 | 8400000 | 10174000 | 9.6 | 1.4 | 7.0 |
| -35.0 | 6588800 | 5988900 | 7188600 | 9.1 | 1.3 | 6.7 |
| -30.0 | 4729500 | 4319100 | 5139900 | 8.7 | 1.3 | 6.5 |
| -25.0 | 3432700 | 3148900 | 3716600 | 8.3 | 1.3 | 6.3 |
| -20.0 | 2517800 | 2319500 | 2716200 | 7.9 | 1.3 | 6.1 |
| -15.0 | 1865300 | 1725300 | 2005300 | 7.5 | 1.3 | 5.9 |
| -10.0 | 1395100 | 1295400 | 1494800 | 7.1 | 1.2 | 5.7 |
| -5.0 | 1052900 | 981230 | 1124500 | 6.8 | 1.2 | 5.5 |
| 0.0 | 801440 | 749570 | 853320 | 6.5 | 1.2 | 5.4 |
| 5.0 | 615090 | 577230 | 652950 | 6.2 | 1.2 | 5.2 |
| 10.0 | 475780 | 447950 | 503620 | 5.8 | 1.2 | 5.1 |
| 15.0 | 370790 | 350190 | 391390 | 5.6 | 1.1 | 4.9 |
| 20.0 | 291030 | 275690 | 306380 | 5.3 | 1.1 | 4.8 |
| 25.0 | 230000 | 218500 | 241500 | 5.0 | 1.1 | 4.6 |
| 30.0 | 182960 | 173330 | 192590 | 5.3 | 1.2 | 4.5 |
| 35.0 | 146460 | 138370 | 154540 | 5.5 | 1.3 | 4.4 |
| 40.0 | 117940 | 111140 | 124750 | 5.8 | 1.4 | 4.3 |
| 45.0 | 95528 | 89788 | 101270 | 6.0 | 1.4 | 4.2 |
| 50.0 | 77804 | 72946 | 82661 | 6.2 | 1.5 | 4.1 |
| 55.0 | 63706 | 59583 | 67828 | 6.5 | 1.6 | 3.9 |
| 60.0 | 52429 | 48921 | 55938 | 6.7 | 1.7 | 3.8 |
| 65.0 | 43361 | 40366 | 46357 | 6.9 | 1.8 | 3.7 |
| 70.0 | 36032 | 33468 | 38596 | 7.1 | 1.9 | 3.7 |
| 75.0 | 30078 | 27876 | 32280 | 7.3 | 2.1 | 3.6 |
| 80.0 | 25218 | 23322 | 27114 | 7.5 | 2.2 | 3.5 |
| 85.0 | 21233 | 19596 | 22871 | 7.7 | 2.3 | 3.4 |
| 90.0 | 17951 | 16533 | 19369 | 7.9 | 2.4 | 3.3 |
| 95.0 | 15236 | 14005 | 16468 | 8.1 | 2.5 | 3.2 |
| 100.0 | 12981 | 11909 | 14053 | 8.3 | 2.6 | 3.2 |
| 105.0 | 11100 | 10164 | 12037 | 8.4 | 2.7 | 3.1 |
| 110.0 | 9526 | 8706 | 10345 | 8.6 | 2.8 | 3.0 |
| 115.0 | 8203 | 7483 | 8922 | 8.8 | 3.0 | 3.0 |
| 120.0 | 7087 | 6454 | 7720 | 8.9 | 3.1 | 2.9 |
| 125.0 | 6142 | 5584 | 6700 | 9.1 | 3.2 | 2.8 |
| 130.0 | 5340 | 4846 | 5834 | 9.2 | 3.3 | 2.8 |
| 135.0 | 4657 | 4219 | 5094 | 9.4 | 3.5 | 2.7 |

| B57550G0234J000 | | | | | | |
|------------------------|---|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8405 | | | | | |
| T (°C) | B _{100/200} = 4537 K, R ₂₅ = 230000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 140.0 | 4073 | 3684 | 4461 | 9.5 | 3.6 | 2.7 |
| 145.0 | 3572 | 3226 | 3918 | 9.7 | 3.7 | 2.6 |
| 150.0 | 3141 | 2833 | 3450 | 9.8 | 3.9 | 2.5 |
| 155.0 | 2770 | 2494 | 3046 | 10.0 | 4.0 | 2.5 |
| 160.0 | 2449 | 2201 | 2696 | 10.1 | 4.1 | 2.4 |
| 165.0 | 2170 | 1948 | 2392 | 10.2 | 4.3 | 2.4 |
| 170.0 | 1928 | 1728 | 2128 | 10.4 | 4.4 | 2.3 |
| 175.0 | 1717 | 1537 | 1897 | 10.5 | 4.6 | 2.3 |
| 180.0 | 1532 | 1370 | 1695 | 10.6 | 4.7 | 2.3 |
| 185.0 | 1371 | 1224 | 1518 | 10.7 | 4.9 | 2.2 |
| 190.0 | 1229 | 1096 | 1362 | 10.8 | 5.0 | 2.2 |
| 195.0 | 1104 | 982.9 | 1225 | 11.0 | 5.2 | 2.1 |
| 200.0 | 993.8 | 883.7 | 1104 | 11.1 | 5.3 | 2.1 |
| 205.0 | 896.4 | 796.0 | 996.7 | 11.2 | 5.5 | 2.0 |
| 210.0 | 810.0 | 718.5 | 901.6 | 11.3 | 5.6 | 2.0 |
| 215.0 | 733.4 | 649.8 | 817.1 | 11.4 | 5.8 | 2.0 |
| 220.0 | 665.3 | 588.7 | 741.9 | 11.5 | 6.0 | 1.9 |
| 225.0 | 604.5 | 534.3 | 674.7 | 11.6 | 6.1 | 1.9 |
| 230.0 | 550.3 | 485.8 | 614.8 | 11.7 | 6.3 | 1.9 |
| 235.0 | 501.8 | 442.5 | 561.0 | 11.8 | 6.5 | 1.8 |
| 240.0 | 458.3 | 403.7 | 512.9 | 11.9 | 6.6 | 1.8 |
| 245.0 | 419.2 | 368.9 | 469.6 | 12.0 | 6.8 | 1.8 |
| 250.0 | 384.1 | 337.6 | 430.6 | 12.1 | 7.0 | 1.7 |
| 255.0 | 352.5 | 309.5 | 395.4 | 12.2 | 7.2 | 1.7 |
| 260.0 | 323.9 | 284.1 | 363.7 | 12.3 | 7.3 | 1.7 |
| 265.0 | 298.1 | 261.2 | 335.0 | 12.4 | 7.5 | 1.6 |
| 270.0 | 274.8 | 240.5 | 309.0 | 12.5 | 7.7 | 1.6 |
| 275.0 | 253.6 | 221.8 | 285.4 | 12.5 | 7.9 | 1.6 |
| 280.0 | 234.4 | 204.8 | 264.0 | 12.6 | 8.1 | 1.6 |
| 285.0 | 216.9 | 189.3 | 244.4 | 12.7 | 8.3 | 1.5 |
| 290.0 | 201.0 | 175.2 | 226.7 | 12.8 | 8.5 | 1.5 |
| 295.0 | 186.4 | 162.4 | 210.4 | 12.9 | 8.7 | 1.5 |
| 300.0 | 173.2 | 150.8 | 195.6 | 13.0 | 8.8 | 1.5 |

| B57550G0145F000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 256620000 | 219170000 | 294060000 | 14.6 | 1.7 | 8.5 |

| B57550G0145F000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -50.0 | 168960000 | 146340000 | 191590000 | 13.4 | 1.6 | 8.2 |
| -45.0 | 113010000 | 99161000 | 126860000 | 12.3 | 1.6 | 7.9 |
| -40.0 | 76708000 | 68136000 | 85281000 | 11.2 | 1.5 | 7.6 |
| -35.0 | 52798000 | 47437000 | 58158000 | 10.2 | 1.4 | 7.3 |
| -30.0 | 36821000 | 33441000 | 40202000 | 9.2 | 1.3 | 7.1 |
| -25.0 | 26000000 | 23854000 | 28147000 | 8.3 | 1.2 | 6.8 |
| -20.0 | 18576000 | 17206000 | 19946000 | 7.4 | 1.1 | 6.6 |
| -15.0 | 13421000 | 12544000 | 14298000 | 6.5 | 1.0 | 6.4 |
| -10.0 | 9799500 | 9237700 | 10361000 | 5.7 | 0.9 | 6.2 |
| -5.0 | 7227500 | 6868500 | 7586400 | 5.0 | 0.8 | 6.0 |
| 0.0 | 5381600 | 5153800 | 5609400 | 4.2 | 0.7 | 5.8 |
| 5.0 | 4043700 | 3900900 | 4186500 | 3.5 | 0.6 | 5.6 |
| 10.0 | 3064800 | 2977200 | 3152500 | 2.9 | 0.5 | 5.5 |
| 15.0 | 2342200 | 2290300 | 2394000 | 2.2 | 0.4 | 5.3 |
| 20.0 | 1804000 | 1775200 | 1832800 | 1.6 | 0.3 | 5.1 |
| 25.0 | 1400000 | 1386000 | 1414000 | 1.0 | 0.2 | 5.0 |
| 30.0 | 1094300 | 1077100 | 1111500 | 1.6 | 0.3 | 4.9 |
| 35.0 | 861230 | 842850 | 879620 | 2.1 | 0.5 | 4.7 |
| 40.0 | 682280 | 663990 | 700560 | 2.7 | 0.6 | 4.6 |
| 45.0 | 543920 | 526460 | 561380 | 3.2 | 0.7 | 4.5 |
| 50.0 | 436240 | 419980 | 452500 | 3.7 | 0.9 | 4.4 |
| 55.0 | 351910 | 337030 | 366800 | 4.2 | 1.0 | 4.2 |
| 60.0 | 285460 | 271990 | 298940 | 4.7 | 1.1 | 4.1 |
| 65.0 | 232800 | 220700 | 244900 | 5.2 | 1.3 | 4.0 |
| 70.0 | 190830 | 180020 | 201640 | 5.7 | 1.4 | 3.9 |
| 75.0 | 157190 | 147570 | 166810 | 6.1 | 1.6 | 3.8 |
| 80.0 | 130100 | 121560 | 138640 | 6.6 | 1.8 | 3.7 |
| 85.0 | 108180 | 100610 | 115750 | 7.0 | 1.9 | 3.6 |
| 90.0 | 90338 | 83635 | 97042 | 7.4 | 2.1 | 3.6 |
| 95.0 | 75763 | 69828 | 81698 | 7.8 | 2.3 | 3.5 |
| 100.0 | 63799 | 58544 | 69054 | 8.2 | 2.4 | 3.4 |
| 105.0 | 53936 | 49280 | 58592 | 8.6 | 2.6 | 3.3 |
| 110.0 | 45772 | 41644 | 49899 | 9.0 | 2.8 | 3.2 |
| 115.0 | 38986 | 35323 | 42648 | 9.4 | 3.0 | 3.2 |
| 120.0 | 33324 | 30071 | 36577 | 9.8 | 3.1 | 3.1 |
| 125.0 | 28582 | 25689 | 31476 | 10.1 | 3.3 | 3.0 |
| 130.0 | 24596 | 22020 | 27173 | 10.5 | 3.5 | 3.0 |
| 135.0 | 21234 | 18937 | 23532 | 10.8 | 3.7 | 2.9 |
| 140.0 | 18389 | 16337 | 20441 | 11.2 | 3.9 | 2.8 |
| 145.0 | 15972 | 14137 | 17808 | 11.5 | 4.1 | 2.8 |

| B57550G0145F000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 150.0 | 13914 | 12270 | 15558 | 11.8 | 4.3 | 2.7 |
| 155.0 | 12155 | 10680 | 13629 | 12.1 | 4.5 | 2.7 |
| 160.0 | 10647 | 9323 | 11972 | 12.4 | 4.7 | 2.6 |
| 165.0 | 9351 | 8159 | 10543 | 12.7 | 5.0 | 2.6 |
| 170.0 | 8234 | 7160 | 9308 | 13.0 | 5.2 | 2.5 |
| 175.0 | 7269 | 6299 | 8238 | 13.3 | 5.4 | 2.5 |
| 180.0 | 6432 | 5556 | 7308 | 13.6 | 5.6 | 2.4 |
| 185.0 | 5705 | 4912 | 6498 | 13.9 | 5.9 | 2.4 |
| 190.0 | 5071 | 4352 | 5791 | 14.2 | 6.1 | 2.3 |
| 195.0 | 4518 | 3865 | 5171 | 14.5 | 6.3 | 2.3 |
| 200.0 | 4034 | 3441 | 4628 | 14.7 | 6.6 | 2.2 |
| 205.0 | 3610 | 3069 | 4150 | 15.0 | 6.8 | 2.2 |
| 210.0 | 3236 | 2743 | 3729 | 15.2 | 7.0 | 2.2 |
| 215.0 | 2907 | 2457 | 3357 | 15.5 | 7.3 | 2.1 |
| 220.0 | 2617 | 2205 | 3028 | 15.7 | 7.5 | 2.1 |
| 225.0 | 2360 | 1983 | 2736 | 16.0 | 7.8 | 2.0 |
| 230.0 | 2132 | 1786 | 2477 | 16.2 | 8.0 | 2.0 |
| 235.0 | 1929 | 1612 | 2246 | 16.4 | 8.3 | 2.0 |
| 240.0 | 1749 | 1457 | 2041 | 16.7 | 8.6 | 1.9 |
| 245.0 | 1588 | 1320 | 1857 | 16.9 | 8.8 | 1.9 |
| 250.0 | 1445 | 1197 | 1692 | 17.1 | 9.1 | 1.9 |
| 255.0 | 1316 | 1088 | 1544 | 17.3 | 9.4 | 1.8 |
| 260.0 | 1201 | 990.1 | 1412 | 17.6 | 9.7 | 1.8 |
| 265.0 | 1097 | 902.5 | 1292 | 17.8 | 9.9 | 1.8 |
| 270.0 | 1004 | 823.9 | 1185 | 18.0 | 10.2 | 1.8 |
| 275.0 | 920.6 | 753.3 | 1088 | 18.2 | 10.5 | 1.7 |
| 280.0 | 844.9 | 689.7 | 1000 | 18.4 | 10.8 | 1.7 |
| 285.0 | 776.6 | 632.4 | 920.8 | 18.6 | 11.1 | 1.7 |
| 290.0 | 714.7 | 580.6 | 848.8 | 18.8 | 11.4 | 1.6 |
| 295.0 | 658.7 | 533.8 | 783.5 | 19.0 | 11.7 | 1.6 |
| 300.0 | 607.8 | 491.4 | 724.1 | 19.1 | 12.0 | 1.6 |

| B57550G0145G000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 256620000 | 216250000 | 296980000 | 15.7 | 1.8 | 8.5 |
| -50.0 | 168960000 | 144440000 | 193490000 | 14.5 | 1.8 | 8.2 |
| -45.0 | 113010000 | 97905000 | 128110000 | 13.4 | 1.7 | 7.9 |

| B57550G0145G000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -40.0 | 76708000 | 67291000 | 86126000 | 12.3 | 1.6 | 7.6 |
| -35.0 | 52798000 | 46861000 | 58734000 | 11.2 | 1.5 | 7.3 |
| -30.0 | 36821000 | 33043000 | 40600000 | 10.3 | 1.4 | 7.1 |
| -25.0 | 26000000 | 23575000 | 28425000 | 9.3 | 1.4 | 6.8 |
| -20.0 | 18576000 | 17009000 | 20144000 | 8.4 | 1.3 | 6.6 |
| -15.0 | 13421000 | 12402000 | 14440000 | 7.6 | 1.2 | 6.4 |
| -10.0 | 9799500 | 9135100 | 10464000 | 6.8 | 1.1 | 6.2 |
| -5.0 | 7227500 | 6793400 | 7661500 | 6.0 | 1.0 | 6.0 |
| 0.0 | 5381600 | 5098200 | 5665000 | 5.3 | 0.9 | 5.8 |
| 5.0 | 4043700 | 3859500 | 4228000 | 4.6 | 0.8 | 5.6 |
| 10.0 | 3064800 | 2946000 | 3183700 | 3.9 | 0.7 | 5.5 |
| 15.0 | 2342200 | 2266600 | 2417700 | 3.2 | 0.6 | 5.3 |
| 20.0 | 1804000 | 1757100 | 1850900 | 2.6 | 0.5 | 5.1 |
| 25.0 | 1400000 | 1372000 | 1428000 | 2.0 | 0.4 | 5.0 |
| 30.0 | 1094300 | 1066000 | 1122500 | 2.6 | 0.5 | 4.9 |
| 35.0 | 861230 | 834140 | 888330 | 3.1 | 0.7 | 4.7 |
| 40.0 | 682280 | 657060 | 707490 | 3.7 | 0.8 | 4.6 |
| 45.0 | 543920 | 520900 | 566940 | 4.2 | 0.9 | 4.5 |
| 50.0 | 436240 | 415500 | 456980 | 4.8 | 1.1 | 4.4 |
| 55.0 | 351910 | 333390 | 370430 | 5.3 | 1.2 | 4.2 |
| 60.0 | 285460 | 269030 | 301900 | 5.8 | 1.4 | 4.1 |
| 65.0 | 232800 | 218270 | 247330 | 6.2 | 1.5 | 4.0 |
| 70.0 | 190830 | 178020 | 203630 | 6.7 | 1.7 | 3.9 |
| 75.0 | 157190 | 145920 | 168470 | 7.2 | 1.9 | 3.8 |
| 80.0 | 130100 | 120190 | 140020 | 7.6 | 2.0 | 3.7 |
| 85.0 | 108180 | 99460 | 116890 | 8.1 | 2.2 | 3.6 |
| 90.0 | 90338 | 82674 | 98003 | 8.5 | 2.4 | 3.6 |
| 95.0 | 75763 | 69019 | 82507 | 8.9 | 2.6 | 3.5 |
| 100.0 | 63799 | 57860 | 69738 | 9.3 | 2.7 | 3.4 |
| 105.0 | 53936 | 48700 | 59172 | 9.7 | 2.9 | 3.3 |
| 110.0 | 45772 | 41150 | 50393 | 10.1 | 3.1 | 3.2 |
| 115.0 | 38986 | 34901 | 43071 | 10.5 | 3.3 | 3.2 |
| 120.0 | 33324 | 29709 | 36940 | 10.8 | 3.5 | 3.1 |
| 125.0 | 28582 | 25377 | 31787 | 11.2 | 3.7 | 3.0 |
| 130.0 | 24596 | 21751 | 27442 | 11.6 | 3.9 | 3.0 |
| 135.0 | 21234 | 18704 | 23765 | 11.9 | 4.1 | 2.9 |
| 140.0 | 18389 | 16134 | 20643 | 12.3 | 4.3 | 2.8 |
| 145.0 | 15972 | 13961 | 17984 | 12.6 | 4.5 | 2.8 |
| 150.0 | 13914 | 12116 | 15712 | 12.9 | 4.7 | 2.7 |
| 155.0 | 12155 | 10545 | 13764 | 13.2 | 4.9 | 2.7 |

| B57550G0145G000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 160.0 | 10647 | 9204 | 12091 | 13.6 | 5.2 | 2.6 |
| 165.0 | 9351 | 8055 | 10648 | 13.9 | 5.4 | 2.6 |
| 170.0 | 8234 | 7068 | 9401 | 14.2 | 5.6 | 2.5 |
| 175.0 | 7269 | 6218 | 8320 | 14.5 | 5.9 | 2.5 |
| 180.0 | 6432 | 5483 | 7381 | 14.7 | 6.1 | 2.4 |
| 185.0 | 5705 | 4847 | 6562 | 15.0 | 6.3 | 2.4 |
| 190.0 | 5071 | 4295 | 5848 | 15.3 | 6.6 | 2.3 |
| 195.0 | 4518 | 3814 | 5223 | 15.6 | 6.8 | 2.3 |
| 200.0 | 4034 | 3395 | 4674 | 15.9 | 7.1 | 2.2 |
| 205.0 | 3610 | 3028 | 4191 | 16.1 | 7.3 | 2.2 |
| 210.0 | 3236 | 2706 | 3766 | 16.4 | 7.6 | 2.2 |
| 215.0 | 2907 | 2424 | 3391 | 16.6 | 7.8 | 2.1 |
| 220.0 | 2617 | 2175 | 3058 | 16.9 | 8.1 | 2.1 |
| 225.0 | 2360 | 1956 | 2764 | 17.1 | 8.4 | 2.0 |
| 230.0 | 2132 | 1762 | 2502 | 17.4 | 8.6 | 2.0 |
| 235.0 | 1929 | 1590 | 2269 | 17.6 | 8.9 | 2.0 |
| 240.0 | 1749 | 1437 | 2061 | 17.8 | 9.2 | 1.9 |
| 245.0 | 1588 | 1301 | 1875 | 18.1 | 9.4 | 1.9 |
| 250.0 | 1445 | 1180 | 1709 | 18.3 | 9.7 | 1.9 |
| 255.0 | 1316 | 1073 | 1560 | 18.5 | 10.0 | 1.8 |
| 260.0 | 1201 | 976.1 | 1426 | 18.7 | 10.3 | 1.8 |
| 265.0 | 1097 | 889.7 | 1305 | 18.9 | 10.6 | 1.8 |
| 270.0 | 1004 | 812.2 | 1197 | 19.1 | 10.9 | 1.8 |
| 275.0 | 920.6 | 742.5 | 1099 | 19.3 | 11.2 | 1.7 |
| 280.0 | 844.9 | 679.8 | 1010 | 19.5 | 11.5 | 1.7 |
| 285.0 | 776.6 | 623.2 | 929.9 | 19.7 | 11.8 | 1.7 |
| 290.0 | 714.7 | 572.2 | 857.2 | 19.9 | 12.1 | 1.6 |
| 295.0 | 658.7 | 526.0 | 791.3 | 20.1 | 12.4 | 1.6 |
| 300.0 | 607.8 | 484.3 | 731.3 | 20.3 | 12.7 | 1.6 |

| B57550G0145H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 256620000 | 213340000 | 299890000 | 16.9 | 2.0 | 8.5 |
| -50.0 | 168960000 | 142540000 | 195390000 | 15.6 | 1.9 | 8.2 |
| -45.0 | 113010000 | 96649000 | 129370000 | 14.5 | 1.8 | 7.9 |
| -40.0 | 76708000 | 66447000 | 86970000 | 13.4 | 1.8 | 7.6 |
| -35.0 | 52798000 | 46286000 | 59310000 | 12.3 | 1.7 | 7.3 |

| B57550G0145H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -30.0 | 36821000 | 32645000 | 40998000 | 11.3 | 1.6 | 7.1 |
| -25.0 | 26000000 | 23296000 | 28704000 | 10.4 | 1.5 | 6.8 |
| -20.0 | 18576000 | 16811000 | 20341000 | 9.5 | 1.4 | 6.6 |
| -15.0 | 13421000 | 12261000 | 14581000 | 8.6 | 1.4 | 6.4 |
| -10.0 | 9799500 | 9032600 | 10567000 | 7.8 | 1.3 | 6.2 |
| -5.0 | 7227500 | 6718300 | 7736600 | 7.0 | 1.2 | 6.0 |
| 0.0 | 5381600 | 5042700 | 5720500 | 6.3 | 1.1 | 5.8 |
| 5.0 | 4043700 | 3818000 | 4269400 | 5.6 | 1.0 | 5.6 |
| 10.0 | 3064800 | 2914800 | 3214900 | 4.9 | 0.9 | 5.5 |
| 15.0 | 2342200 | 2242900 | 2441400 | 4.2 | 0.8 | 5.3 |
| 20.0 | 1804000 | 1739000 | 1869100 | 3.6 | 0.7 | 5.1 |
| 25.0 | 1400000 | 1358000 | 1442000 | 3.0 | 0.6 | 5.0 |
| 30.0 | 1094300 | 1055000 | 1133500 | 3.6 | 0.7 | 4.9 |
| 35.0 | 861230 | 825430 | 897040 | 4.2 | 0.9 | 4.7 |
| 40.0 | 682280 | 650120 | 714430 | 4.7 | 1.0 | 4.6 |
| 45.0 | 543920 | 515340 | 572490 | 5.3 | 1.2 | 4.5 |
| 50.0 | 436240 | 411020 | 461460 | 5.8 | 1.3 | 4.4 |
| 55.0 | 351910 | 329760 | 374060 | 6.3 | 1.5 | 4.2 |
| 60.0 | 285460 | 266070 | 304860 | 6.8 | 1.6 | 4.1 |
| 65.0 | 232800 | 215850 | 249750 | 7.3 | 1.8 | 4.0 |
| 70.0 | 190830 | 176020 | 205630 | 7.8 | 2.0 | 3.9 |
| 75.0 | 157190 | 144270 | 170120 | 8.2 | 2.1 | 3.8 |
| 80.0 | 130100 | 118820 | 141390 | 8.7 | 2.3 | 3.7 |
| 85.0 | 108180 | 98314 | 118040 | 9.1 | 2.5 | 3.6 |
| 90.0 | 90338 | 81713 | 98964 | 9.5 | 2.7 | 3.6 |
| 95.0 | 75763 | 68210 | 83316 | 10.0 | 2.9 | 3.5 |
| 100.0 | 63799 | 57176 | 70422 | 10.4 | 3.1 | 3.4 |
| 105.0 | 53936 | 48120 | 59752 | 10.8 | 3.2 | 3.3 |
| 110.0 | 45772 | 40656 | 50887 | 11.2 | 3.4 | 3.2 |
| 115.0 | 38986 | 34479 | 43493 | 11.6 | 3.6 | 3.2 |
| 120.0 | 33324 | 29346 | 37302 | 11.9 | 3.8 | 3.1 |
| 125.0 | 28582 | 25065 | 32099 | 12.3 | 4.1 | 3.0 |
| 130.0 | 24596 | 21482 | 27711 | 12.7 | 4.3 | 3.0 |
| 135.0 | 21234 | 18471 | 23998 | 13.0 | 4.5 | 2.9 |
| 140.0 | 18389 | 15932 | 20846 | 13.4 | 4.7 | 2.8 |
| 145.0 | 15972 | 13785 | 18160 | 13.7 | 4.9 | 2.8 |
| 150.0 | 13914 | 11962 | 15866 | 14.0 | 5.1 | 2.7 |
| 155.0 | 12155 | 10411 | 13899 | 14.4 | 5.4 | 2.7 |
| 160.0 | 10647 | 9086 | 12209 | 14.7 | 5.6 | 2.6 |
| 165.0 | 9351 | 7951 | 10752 | 15.0 | 5.8 | 2.6 |

| B57550G0145H000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 170.0 | 8234 | 6976 | 9493 | 15.3 | 6.1 | 2.5 |
| 175.0 | 7269 | 6136 | 8401 | 15.6 | 6.3 | 2.5 |
| 180.0 | 6432 | 5411 | 7453 | 15.9 | 6.6 | 2.4 |
| 185.0 | 5705 | 4783 | 6627 | 16.2 | 6.8 | 2.4 |
| 190.0 | 5071 | 4238 | 5905 | 16.4 | 7.1 | 2.3 |
| 195.0 | 4518 | 3763 | 5274 | 16.7 | 7.3 | 2.3 |
| 200.0 | 4034 | 3349 | 4720 | 17.0 | 7.6 | 2.2 |
| 205.0 | 3610 | 2987 | 4232 | 17.3 | 7.8 | 2.2 |
| 210.0 | 3236 | 2669 | 3803 | 17.5 | 8.1 | 2.2 |
| 215.0 | 2907 | 2391 | 3424 | 17.8 | 8.4 | 2.1 |
| 220.0 | 2617 | 2145 | 3088 | 18.0 | 8.6 | 2.1 |
| 225.0 | 2360 | 1928 | 2791 | 18.3 | 8.9 | 2.0 |
| 230.0 | 2132 | 1737 | 2526 | 18.5 | 9.2 | 2.0 |
| 235.0 | 1929 | 1567 | 2291 | 18.8 | 9.5 | 2.0 |
| 240.0 | 1749 | 1417 | 2081 | 19.0 | 9.8 | 1.9 |
| 245.0 | 1588 | 1283 | 1893 | 19.2 | 10.1 | 1.9 |
| 250.0 | 1445 | 1164 | 1725 | 19.4 | 10.3 | 1.9 |
| 255.0 | 1316 | 1057 | 1575 | 19.7 | 10.6 | 1.8 |
| 260.0 | 1201 | 962.1 | 1440 | 19.9 | 10.9 | 1.8 |
| 265.0 | 1097 | 876.9 | 1318 | 20.1 | 11.2 | 1.8 |
| 270.0 | 1004 | 800.4 | 1208 | 20.3 | 11.6 | 1.8 |
| 275.0 | 920.6 | 731.7 | 1109 | 20.5 | 11.9 | 1.7 |
| 280.0 | 844.9 | 669.9 | 1020 | 20.7 | 12.2 | 1.7 |
| 285.0 | 776.6 | 614.1 | 939.0 | 20.9 | 12.5 | 1.7 |
| 290.0 | 714.7 | 563.8 | 865.6 | 21.1 | 12.8 | 1.6 |
| 295.0 | 658.7 | 518.3 | 799.0 | 21.3 | 13.1 | 1.6 |
| 300.0 | 607.8 | 477.1 | 738.5 | 21.5 | 13.4 | 1.6 |

| B57550G0145J000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -55.0 | 256620000 | 207520000 | 305710000 | 19.1 | 2.2 | 8.5 |
| -50.0 | 168960000 | 138750000 | 199180000 | 17.9 | 2.2 | 8.2 |
| -45.0 | 113010000 | 94137000 | 131880000 | 16.7 | 2.1 | 7.9 |
| -40.0 | 76708000 | 64758000 | 88659000 | 15.6 | 2.0 | 7.6 |
| -35.0 | 52798000 | 45134000 | 60462000 | 14.5 | 2.0 | 7.3 |
| -30.0 | 36821000 | 31848000 | 41794000 | 13.5 | 1.9 | 7.1 |
| -25.0 | 26000000 | 22739000 | 29261000 | 12.5 | 1.8 | 6.8 |

| B57550G0145J000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|------------|------------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| -20.0 | 18576000 | 16416000 | 20736000 | 11.6 | 1.8 | 6.6 |
| -15.0 | 13421000 | 11978000 | 14864000 | 10.8 | 1.7 | 6.4 |
| -10.0 | 9799500 | 8827400 | 10772000 | 9.9 | 1.6 | 6.2 |
| -5.0 | 7227500 | 6568000 | 7886900 | 9.1 | 1.5 | 6.0 |
| 0.0 | 5381600 | 4931600 | 5831600 | 8.4 | 1.4 | 5.8 |
| 5.0 | 4043700 | 3735100 | 4352300 | 7.6 | 1.4 | 5.6 |
| 10.0 | 3064800 | 2852400 | 3277300 | 6.9 | 1.3 | 5.5 |
| 15.0 | 2342200 | 2195500 | 2488800 | 6.3 | 1.2 | 5.3 |
| 20.0 | 1804000 | 1702700 | 1905400 | 5.6 | 1.1 | 5.1 |
| 25.0 | 1400000 | 1330000 | 1470000 | 5.0 | 1.0 | 5.0 |
| 30.0 | 1094300 | 1033000 | 1155600 | 5.6 | 1.2 | 4.9 |
| 35.0 | 861230 | 808010 | 914450 | 6.2 | 1.3 | 4.7 |
| 40.0 | 682280 | 636250 | 728300 | 6.7 | 1.5 | 4.6 |
| 45.0 | 543920 | 504230 | 583610 | 7.3 | 1.6 | 4.5 |
| 50.0 | 436240 | 402060 | 470420 | 7.8 | 1.8 | 4.4 |
| 55.0 | 351910 | 322500 | 381320 | 8.4 | 2.0 | 4.2 |
| 60.0 | 285460 | 260150 | 310780 | 8.9 | 2.1 | 4.1 |
| 65.0 | 232800 | 211000 | 254600 | 9.4 | 2.3 | 4.0 |
| 70.0 | 190830 | 172030 | 209620 | 9.8 | 2.5 | 3.9 |
| 75.0 | 157190 | 140970 | 173420 | 10.3 | 2.7 | 3.8 |
| 80.0 | 130100 | 116070 | 144140 | 10.8 | 2.9 | 3.7 |
| 85.0 | 108180 | 96022 | 120330 | 11.2 | 3.1 | 3.6 |
| 90.0 | 90338 | 79792 | 100890 | 11.7 | 3.3 | 3.6 |
| 95.0 | 75763 | 66592 | 84933 | 12.1 | 3.5 | 3.5 |
| 100.0 | 63799 | 55809 | 71789 | 12.5 | 3.7 | 3.4 |
| 105.0 | 53936 | 46960 | 60912 | 12.9 | 3.9 | 3.3 |
| 110.0 | 45772 | 39668 | 51875 | 13.3 | 4.1 | 3.2 |
| 115.0 | 38986 | 33634 | 44337 | 13.7 | 4.3 | 3.2 |
| 120.0 | 33324 | 28622 | 38026 | 14.1 | 4.5 | 3.1 |
| 125.0 | 28582 | 24442 | 32722 | 14.5 | 4.8 | 3.0 |
| 130.0 | 24596 | 20944 | 28249 | 14.9 | 5.0 | 3.0 |
| 135.0 | 21234 | 18005 | 24464 | 15.2 | 5.2 | 2.9 |
| 140.0 | 18389 | 15527 | 21250 | 15.6 | 5.5 | 2.8 |
| 145.0 | 15972 | 13432 | 18513 | 15.9 | 5.7 | 2.8 |
| 150.0 | 13914 | 11654 | 16174 | 16.2 | 5.9 | 2.7 |
| 155.0 | 12155 | 10141 | 14169 | 16.6 | 6.2 | 2.7 |
| 160.0 | 10647 | 8848 | 12446 | 16.9 | 6.4 | 2.6 |
| 165.0 | 9351 | 7742 | 10961 | 17.2 | 6.7 | 2.6 |
| 170.0 | 8234 | 6792 | 9677 | 17.5 | 7.0 | 2.5 |
| 175.0 | 7269 | 5973 | 8564 | 17.8 | 7.2 | 2.5 |

| B57550G0145J000 | | | | | | |
|------------------------|--|----------------------|----------------------|--------------------------------------|---------|---------|
| R/T No. | 8406 | | | | | |
| T (°C) | B _{200/300} = 5133 K, R ₂₅ = 1400000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5% | | | | | |
| | R _{nom} [Ω] | R _{min} [Ω] | R _{max} [Ω] | ΔR _R /R _R [±%] | ΔT[±°C] | α (%/K) |
| 180.0 | 6432 | 5266 | 7598 | 18.1 | 7.5 | 2.4 |
| 185.0 | 5705 | 4654 | 6755 | 18.4 | 7.8 | 2.4 |
| 190.0 | 5071 | 4123 | 6020 | 18.7 | 8.0 | 2.3 |
| 195.0 | 4518 | 3661 | 5376 | 19.0 | 8.3 | 2.3 |
| 200.0 | 4034 | 3257 | 4811 | 19.3 | 8.6 | 2.2 |
| 205.0 | 3610 | 2905 | 4315 | 19.5 | 8.9 | 2.2 |
| 210.0 | 3236 | 2596 | 3877 | 19.8 | 9.1 | 2.2 |
| 215.0 | 2907 | 2324 | 3490 | 20.1 | 9.4 | 2.1 |
| 220.0 | 2617 | 2085 | 3148 | 20.3 | 9.7 | 2.1 |
| 225.0 | 2360 | 1874 | 2845 | 20.6 | 10.0 | 2.0 |
| 230.0 | 2132 | 1688 | 2575 | 20.8 | 10.3 | 2.0 |
| 235.0 | 1929 | 1523 | 2335 | 21.1 | 10.6 | 2.0 |
| 240.0 | 1749 | 1376 | 2121 | 21.3 | 10.9 | 1.9 |
| 245.0 | 1588 | 1246 | 1930 | 21.5 | 11.3 | 1.9 |
| 250.0 | 1445 | 1130 | 1759 | 21.8 | 11.6 | 1.9 |
| 255.0 | 1316 | 1027 | 1605 | 22.0 | 11.9 | 1.8 |
| 260.0 | 1201 | 934.2 | 1468 | 22.2 | 12.2 | 1.8 |
| 265.0 | 1097 | 851.3 | 1344 | 22.4 | 12.6 | 1.8 |
| 270.0 | 1004 | 777.0 | 1232 | 22.6 | 12.9 | 1.8 |
| 275.0 | 920.6 | 710.2 | 1131 | 22.9 | 13.2 | 1.7 |
| 280.0 | 844.9 | 650.1 | 1040 | 23.1 | 13.6 | 1.7 |
| 285.0 | 776.6 | 595.9 | 957.3 | 23.3 | 13.9 | 1.7 |
| 290.0 | 714.7 | 547.0 | 882.5 | 23.5 | 14.3 | 1.6 |
| 295.0 | 658.7 | 502.8 | 814.5 | 23.7 | 14.6 | 1.6 |
| 300.0 | 607.8 | 462.7 | 752.8 | 23.9 | 14.9 | 1.6 |

Cautions and warnings

General

See "Important notes" at the end of this document.

Storage

- Store thermistors only in original packaging. Do not open the package before storage.
- Storage conditions in original packaging: storage temperature $-25\text{ °C} \dots +45\text{ °C}$, relative humidity $\leq 75\%$ annual mean, maximum 95%, dew precipitation is inadmissible.
- Do not store SMDs where they are exposed to heat or direct sunlight. Otherwise, the packing material may be deformed or SMDs may stick together, causing problems during mounting.
- Avoid contamination of thermistors surface during storage, handling and processing.
- Avoid storage of thermistor in harmful environments like corrosive gases (SO_x, Cl etc).
- After opening the factory seals, such as polyvinyl-sealed packages, use the SMDs as soon as possible.
- Solder thermistors after shipment from EPCOS within the time specified:
SMDs: 12 months
Leaded components: 24 months

Handling

- NTC thermistors must not be dropped. Chip-offs must not be caused during handling of NTCs.
- Components must not be touched with bare hands. Gloves are recommended.
- Avoid contamination of thermistor surface during handling.

Soldering

- Use resin-type flux or non-activated flux.
- Insufficient preheating may cause ceramic cracks.
- Rapid cooling by dipping in solvent is not recommended.
- Complete removal of flux is recommended.

Mounting

- When NTC thermistors are encapsulated with sealing material or overmolded with plastic material, the precautions given in chapter "Mounting instructions", "Sealing, potting and overmolding" must be observed.
- Electrode must not be scratched before/during/after the mounting process.
- Contacts and housings used for assembly with thermistor have to be clean before mounting.
- During operation, the thermistor's surface temperature can be very high (ICL). Ensure that adjacent components are placed at a sufficient distance from the thermistor to allow for proper cooling of the thermistors.
- Ensure that adjacent materials are designed for operation at temperatures comparable to the surface temperature of the thermistor. Be sure that surrounding parts and materials can withstand this temperature.
- Make sure that thermistors (ICLs) are adequately ventilated to avoid overheating.
- Avoid contamination of thermistor surface during processing.

Operation

- Use thermistors only within the specified operating temperature range.
- Use thermistors only within the specified voltage and current ranges (ICLs).
- Environmental conditions must not harm the thermistors. Use thermistors only in normal atmospheric conditions.
- Contact of NTC thermistors with any liquids and solvents should be prevented. It must be ensured that no water enters the NTC thermistor (e.g. through plug terminals). For measurement purposes (checking the specified resistance vs. temperature), the component must not be immersed in water but in suitable liquids (e.g. Galden).
- Avoid dewing and condensation.
- Be sure to provide an appropriate fail-safe function to prevent secondary product damage caused by malfunction (e.g. use VDR for limitation of overvoltage condition).

Important notes

The following applies to all products named in this publication:

1. Some parts of this publication contain **statements about the suitability of our products for certain areas of application**. These statements are based on our knowledge of typical requirements that are often placed on our products in the areas of application concerned. We nevertheless expressly point out **that such statements cannot be regarded as binding statements about the suitability of our products for a particular customer application**. As a rule, EPCOS is either unfamiliar with individual customer applications or less familiar with them than the customers themselves. For these reasons, it is always ultimately incumbent on the customer to check and decide whether an EPCOS product with the properties described in the product specification is suitable for use in a particular customer application.
2. We also point out that **in individual cases, a malfunction of passive electronic components or failure before the end of their usual service life cannot be completely ruled out in the current state of the art, even if they are operated as specified**. In customer applications requiring a very high level of operational safety and especially in customer applications in which the malfunction or failure of a passive electronic component could endanger human life or health (e.g. in accident prevention or life-saving systems), it must therefore be ensured by means of suitable design of the customer application or other action taken by the customer (e.g. installation of protective circuitry or redundancy) that no injury or damage is sustained by third parties in the event of malfunction or failure of a passive electronic component.
3. **The warnings, cautions and product-specific notes must be observed.**
4. In order to satisfy certain technical requirements, **some of the products described in this publication may contain substances subject to restrictions in certain jurisdictions (e.g. because they are classed as “hazardous”)**. Useful information on this will be found in our Material Data Sheets on the Internet (www.epcos.com/material). Should you have any more detailed questions, please contact our sales offices.
5. We constantly strive to improve our products. Consequently, **the products described in this publication may change from time to time**. The same is true of the corresponding product specifications. Please check therefore to what extent product descriptions and specifications contained in this publication are still applicable before or when you place an order.
We also **reserve the right to discontinue production and delivery of products**. Consequently, we cannot guarantee that all products named in this publication will always be available.
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7. The trade names EPCOS, EPCOS-JONES, Baoke, CeraDiode, CSSP, MLSC, PhaseCap, PhaseMod, SIFI, SIKOREL, SilverCap, SIMID, SIOV, SIP5D, SIP5K, UltraCap, WindCap are **trademarks registered or pending** in Europe and in other countries. Further information will be found on the Internet at www.epcos.com/trademarks.