

Solid Tantalum Surface Mount Capacitors TANTAMOUNT[®], Molded Case, Low ESR


FEATURES

- Terminations: 100 % matte tin, standard tin/lead available
- Molded case available in six case codes
- Compatible with "High Volume" automatic pick and place equipment
- High ripple current carrying capability
- Low ESR
- Meets EIA 535BAAC and IEC specification QC300801/US0001
- Compliant terminations
- 100 % surge current tested (B, C, D and E case sizes)
- Compliant to RoHS directive 2002/95/EC


RoHS*
COMPLIANT

PERFORMANCE/ELECTRICAL CHARACTERISTICS

Operating Temperature: - 55 °C to + 85 °C
(to + 125 °C with voltage derating)

Note: Refer to doc. 40088

Capacitance Range: 0.47 μF to 1000 μF

Capacitance Tolerance: ± 10 %, ± 20 %

Voltage Rating: 4 V_{DC} to 63 V_{DC}

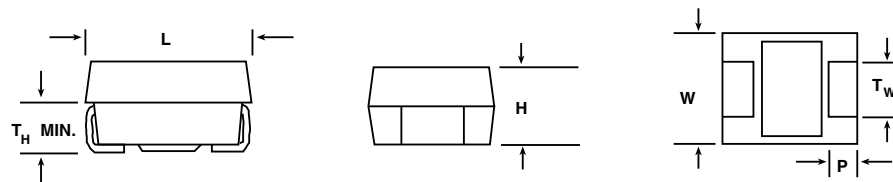
ORDERING INFORMATION

| TR3 TYPE | D CASE CODE | 107 CAPACITANCE | K CAPACITANCE TOLERANCE | 010 DC VOLTAGE RATING at + 85 °C | C TERMINATION AND PACKAGING | 0100 ESR |
|-----------------------------------|--|--------------------------|--|--|--|-------------|
| See Ratings and Case Codes table. | This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow. | K = ± 10 % M = ± 20 % | This is expressed in V. To complete the three-digit block, zeros precede the voltage rating. A decimal point is indicated by an "R" (6R3 = 6.3 V). | C = Matte tin/7" (178 mm) reels D = Matte tin/13" (330 mm) reels E = Tin/lead/7" (178 mm) reels F = Tin/lead/13" (330 mm) reels | Maximum 100 kHz ESR in mΩ. See note below. | |

Note

We reserve the right to supply higher voltage ratings and tighter capacitance tolerance capacitors in the same case size. Voltage substitutions will be marked with the higher voltage rating.

The EIA and CECC standards for low ESR solid tantalum chip capacitors, allow delta ESR of 1.25 times the datasheet limit after mounting.

DIMENSIONS in inches [millimeters]


| CASE CODE | EIA SIZE | L | W | H | P | T _w | T _H MIN. |
|-----------|----------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------|
| A | 3216-18 | 0.126 ± 0.008 [3.2 ± 0.20] | 0.063 ± 0.008 [1.6 ± 0.20] | 0.063 ± 0.008 [1.6 ± 0.20] | 0.031 ± 0.012 [0.80 ± 0.30] | 0.047 ± 0.004 [1.2 ± 0.10] | 0.028 [0.70] |
| B | 3528-21 | 0.138 ± 0.008 [3.5 ± 0.20] | 0.110 ± 0.008 [2.8 ± 0.20] | 0.075 ± 0.008 [1.9 ± 0.20] | 0.031 ± 0.012 [0.80 ± 0.30] | 0.087 ± 0.004 [2.2 ± 0.10] | 0.028 [0.70] |
| C | 6032-28 | 0.236 ± 0.012 [6.0 ± 0.30] | 0.126 ± 0.012 [3.2 ± 0.30] | 0.098 ± 0.012 [2.5 ± 0.30] | 0.051 ± 0.012 [1.3 ± 0.30] | 0.087 ± 0.004 [2.2 ± 0.10] | 0.039 [1.0] |
| D | 7343-31 | 0.287 ± 0.012 [7.3 ± 0.30] | 0.170 ± 0.012 [4.3 ± 0.30] | 0.110 ± 0.012 [2.8 ± 0.30] | 0.051 ± 0.012 [1.3 ± 0.30] | 0.095 ± 0.004 [2.4 ± 0.10] | 0.039 [1.0] |
| E | 7343-43 | 0.287 ± 0.012 [7.3 ± 0.30] | 0.170 ± 0.012 [4.3 ± 0.30] | 0.158 ± 0.012 [4.0 ± 0.30] | 0.051 ± 0.012 [1.3 ± 0.30] | 0.095 ± 0.004 [2.4 ± 0.10] | 0.039 [1.0] |
| V | 7343-20 | 0.287 ± 0.012 [7.3 ± 0.30] | 0.170 ± 0.012 [4.3 ± 0.30] | 0.079 max. [2.0 max.] | 0.051 ± 0.012 [1.3 ± 0.30] | 0.095 ± 0.004 [2.4 ± 0.10] | 0.039 [1.0] |

* Pb containing terminations are not RoHS compliant, exemptions may apply

| RATINGS AND CASE CODES | | | | | | | | | |
|------------------------|-------|---------|-----------|-------|-------|---------|-------|-------|------|
| F | 4 V | 6.3 V | 10 V | 16 V | 20 V | 25 V | 35 V | 50 V | 63 V |
| 0.47 | | | | | | | A | | |
| 0.68 | | | | | | | A | | |
| 1 | | | | | A | A | A/B | B/C | |
| 1.5 | | | | | | A | B/C | B/C | |
| 2.2 | | | A | A | A | A/B | B/C | B/C/D | |
| 3.3 | | | | A | A/B | A/B | B/C | C/D | |
| 4.7 | | | A | A/B | A/B | A/B/C | B/C/D | C/D/E | D |
| 6.8 | | | A | A/B | A/B | B/C | C/D/E | D/E | |
| 10 | | A | A/B | A/B/C | B/C | B/C/D | C/D/E | D/E | E |
| 15 | A | A | A/B | B/C | B/C | B/C/D | D/E | E | |
| 22 | A | A/B | A/B/C | B/C | B/C/D | C/D/E/V | D/E | | |
| 33 | A/B | A/B | B/C | B/C/D | C/D | D/E | | | |
| 47 | A/B | A/B/C | B/C/D | C/D | D/E | D/E | | | |
| 68 | B/C | B/C/D | B/C/D/E/V | D | D/E | | | | |
| 100 | A/B/C | B/C/D/V | B/C/D/E/V | D/E | D/E | | | | |
| 150 | B/C/D | C/D/E | C/D/E | D/E | | | | | |
| 220 | B/C/D | C/D/E | D/E/V | E | | | | | |
| 330 | D | D/E | D/E | | | | | | |
| 470 | D/E | D/E | E | | | | | | |
| 680 | E | E | | | | | | | |
| 1000 | E | E | | | | | | | |

| MARKING | | | |
|---------|------------------------------|------|--|
| | “A” CASE VOLTAGE CODE | | |
| | VOLTS | CODE | |
| | 4.0 | G | |
| | 6.3 | J | |
| | 10 | A | |
| | 16 | C | |
| | 20 | D | |
| | 25 | E | |
| 35 | V | | |
| 50 | T | | |

Marking

Capacitor marking includes an anode (+) polarity band, capacitance in microfarads and the voltage rating. “A” Case capacitors use a letter code for the voltage and EIA capacitance code.

The Vishay Sprague[®] trademark is included if space permits. Capacitors rated at 6.3 V are marked 6 V.

A manufacturing date code is marked on all capacitors.

Call the factory for further explanation.



Solid Tantalum Surface Mount Capacitors
TANTAMOUNT®, Molded Case, Low ESR

Vishay Sprague

| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|---------------|----------------------|--|--|---|--|
| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
| 4 V_{DC} AT + 85 °C, 2.7 V_{DC} AT + 125 °C | | | | | | |
| 15 | A | TR3A156(1)004(2)1500 | 0.6 | 6 | 1.500 | 0.22 |
| 22 | A | TR3A226(1)004(2)1500 | 0.9 | 6 | 1.500 | 0.22 |
| 33 | A | TR3A336(1)004(2)1500 | 1.3 | 6 | 1.500 | 0.22 |
| 33 | B | TR3B336(1)004(2)0500 | 1.3 | 6 | 0.500 | 0.41 |
| 47 | A | TR3A476(1)004(2)0800 | 1.9 | 14 | 0.800 | 0.31 |
| 47 | A | TR3A476(1)004(2)0500 | 1.9 | 14 | 0.500 | 0.39 |
| 47 | B | TR3B476(1)004(2)0500 | 1.9 | 6 | 0.500 | 0.41 |
| 68 | B | TR3B686(1)004(2)0500 | 2.7 | 6 | 0.500 | 0.41 |
| 68 | C | TR3C686(1)004(2)0275 | 2.7 | 6 | 0.275 | 0.63 |
| 100 | A | TR3A107M004(2)1000 | 10.0 | 30 | 1.000 | 0.27 |
| 100 | B | TR3B107(1)004(2)0450 | 4.0 | 8 | 0.450 | 0.43 |
| 100 | C | TR3C107(1)004(2)0225 | 4.0 | 6 | 0.225 | 0.70 |
| 150 | B | TR3B157(1)004(2)0900 | 6.0 | 14 | 0.900 | 0.31 |
| 150 | B | TR3B157(1)004(2)0500 | 6.0 | 14 | 0.500 | 0.41 |
| 150 | B | TR3B157(1)004(2)0400 | 6.0 | 14 | 0.400 | 0.46 |
| 150 | C | TR3C157(1)004(2)0250 | 6.0 | 12 | 0.250 | 0.66 |
| 150 | D | TR3D157(1)004(2)0150 | 6.0 | 8 | 0.150 | 1.00 |
| 220 | B | TR3B227M004(2)1100 | 8.8 | 18 | 1.100 | 0.28 |
| 220 | B | TR3B227M004(2)0700 | 8.8 | 18 | 0.700 | 0.35 |
| 220 | B | TR3B227M004(2)0500 | 8.8 | 18 | 0.500 | 0.41 |
| 220 | B | TR3B227M004(2)0450 | 8.8 | 18 | 0.450 | 0.43 |
| 220 | C | TR3C227(1)004(2)0200 | 8.8 | 8 | 0.200 | 0.74 |
| 220 | D | TR3D227(1)004(2)0150 | 8.8 | 8 | 0.150 | 1.00 |
| 220 | D | TR3D227(1)004(2)0100 | 8.8 | 8 | 0.100 | 1.22 |
| 220 | D | TR3D227(1)004(3)0050 | 8.8 | 8 | 0.050 | 1.73 |
| 330 | D | TR3D337(1)004(2)0150 | 13.2 | 8 | 0.150 | 1.00 |
| 330 | D | TR3D337(1)004(2)0100 | 13.2 | 8 | 0.100 | 1.22 |
| 470 | D | TR3D477(1)004(2)0125 | 18.8 | 10 | 0.125 | 1.10 |
| 470 | D | TR3D477(1)004(2)0100 | 18.8 | 10 | 0.100 | 1.22 |
| 470 | D | TR3D477(1)004(2)0060 | 18.8 | 10 | 0.060 | 1.58 |
| 470 | D | TR3D477(1)004(3)0045 | 18.8 | 10 | 0.045 | 1.83 |
| 470 | D | TR3D477(1)004(3)0035 | 18.8 | 10 | 0.035 | 2.07 |
| 470 | E | TR3E477(1)004(2)0100 | 18.8 | 10 | 0.100 | 1.28 |
| 680 | E | TR3E687(1)004(2)0100 | 27.2 | 12 | 0.100 | 1.28 |
| 1000 | E | TR3E108M004(2)0100 | 40.0 | 20 | 0.100 | 1.28 |
| 6.3 V_{DC} AT + 85 °C, 4 V_{DC} AT 125 °C | | | | | | |
| 10 | A | TR3A106(1)6R3(2)2000 | 0.6 | 6 | 2.000 | 0.19 |
| 10 | A | TR3A106(1)6R3(2)1500 | 0.6 | 6 | 1.500 | 0.22 |
| 15 | A | TR3A156(1)6R3(2)2000 | 0.9 | 6 | 2.000 | 0.19 |
| 15 | A | TR3A156(1)6R3(2)1000 | 0.9 | 6 | 1.000 | 0.27 |
| 22 | A | TR3A226(1)6R3(2)3000 | 1.3 | 6 | 3.000 | 0.16 |
| 22 | A | TR3A226(1)6R3(2)2000 | 1.3 | 6 | 2.000 | 0.19 |
| 22 | A | TR3A226(1)6R3(2)1000 | 1.3 | 6 | 1.000 | 0.27 |
| 22 | A | TR3A226(1)6R3(2)0900 | 1.3 | 6 | 0.900 | 0.29 |
| 22 | B | TR3B226(1)6R3(2)0600 | 1.3 | 6 | 0.600 | 0.38 |
| 33 | A | TR3A336(1)6R3(2)2000 | 2.0 | 14 | 2.000 | 0.19 |
| 33 | A | TR3A336(1)6R3(2)0800 | 2.0 | 14 | 0.800 | 0.31 |
| 33 | A | TR3A336(1)6R3(2)0600 | 2.0 | 14 | 0.600 | 0.35 |
| 33 | B | TR3B336(1)6R3(2)0600 | 2.0 | 6 | 0.600 | 0.38 |
| 33 | B | TR3B336(1)6R3(2)0500 | 2.0 | 6 | 0.500 | 0.41 |
| 33 | B | TR3B336(1)6R3(2)0450 | 2.0 | 6 | 0.450 | 0.43 |
| 33 | B | TR3B336(1)6R3(2)0350 | 2.0 | 6 | 0.350 | 0.49 |

| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|---|---------------|----------------------|--|--|---|--|
| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
| 6.3 V _{DC} AT + 85 °C, 4 V _{DC} AT 125 °C | | | | | | |
| 47 | A | TR3A476(1)6R3(2)0800 | 2.8 | 12 | 0.800 | 0.31 |
| 47 | B | TR3B476(1)6R3(2)0550 | 2.8 | 6 | 0.550 | 0.39 |
| 47 | B | TR3B476(1)6R3(2)0500 | 2.8 | 6 | 0.500 | 0.41 |
| 47 | B | TR3B476(1)6R3(2)0350 | 2.8 | 6 | 0.350 | 0.49 |
| 47 | B | TR3B476(1)6R3(2)0250 | 2.8 | 6 | 0.250 | 0.58 |
| 47 | C | TR3C476(1)6R3(2)0300 | 2.8 | 6 | 0.300 | 0.61 |
| 47 | C | TR3C476(1)6R3(2)0250 | 2.8 | 6 | 0.250 | 0.66 |
| 68 | B | TR3B686(1)6R3(2)0650 | 4.1 | 6 | 0.650 | 0.36 |
| 68 | B | TR3B686(1)6R3(2)0550 | 4.1 | 6 | 0.550 | 0.39 |
| 68 | B | TR3B686(1)6R3(2)0500 | 4.1 | 6 | 0.500 | 0.41 |
| 68 | B | TR3B686(1)6R3(2)0350 | 4.1 | 6 | 0.350 | 0.49 |
| 68 | B | TR3B686(1)6R3(2)0250 | 4.1 | 6 | 0.250 | 0.58 |
| 68 | C | TR3C686(1)6R3(2)0275 | 4.1 | 6 | 0.275 | 0.63 |
| 68 | C | TR3C686(1)6R3(2)0250 | 4.1 | 6 | 0.250 | 0.66 |
| 68 | C | TR3C686(1)6R3(2)0200 | 4.1 | 6 | 0.200 | 0.74 |
| 68 | D | TR3D686(1)6R3(2)0200 | 4.1 | 6 | 0.200 | 0.87 |
| 68 | D | TR3D686(1)6R3(2)0175 | 3.3 | 4 | 0.175 | 0.93 |
| 100 | B | TR3B107(1)6R3(2)1500 | 6.0 | 15 | 1.500 | 0.24 |
| 100 | B | TR3B107(1)6R3(2)0500 | 6.0 | 15 | 0.500 | 0.41 |
| 100 | B | TR3B107(1)6R3(2)0400 | 6.0 | 15 | 0.400 | 0.46 |
| 100 | C | TR3C107(1)6R3(2)0300 | 6.0 | 6 | 0.300 | 0.61 |
| 100 | C | TR3C107(1)6R3(2)0250 | 6.0 | 6 | 0.250 | 0.66 |
| 100 | C | TR3C107(1)6R3(2)0150 | 6.0 | 6 | 0.150 | 0.86 |
| 100 | C | TR3C107(1)6R3(2)0125 | 6.0 | 6 | 0.125 | 0.94 |
| 100 | D | TR3D107(1)6R3(2)0150 | 6.0 | 6 | 0.150 | 1.00 |
| 100 | D | TR3D107(1)6R3(2)0140 | 6.0 | 6 | 0.140 | 1.04 |
| 100 | V | TR3V107(1)6R3(3)0200 | 6.0 | 8 | 0.200 | 0.79 |
| 100 | V | TR3V107(1)6R3(3)0150 | 6.0 | 8 | 0.150 | 0.91 |
| 150 | C | TR3C157(1)6R3(2)0300 | 9.0 | 8 | 0.300 | 0.61 |
| 150 | C | TR3C157(1)6R3(2)0200 | 9.0 | 8 | 0.200 | 0.74 |
| 150 | D | TR3D157(1)6R3(2)0150 | 9.0 | 8 | 0.150 | 1.00 |
| 150 | D | TR3D157(1)6R3(2)0125 | 9.0 | 8 | 0.125 | 1.10 |
| 150 | D | TR3D157(1)6R3(2)0075 | 9.0 | 8 | 0.075 | 1.41 |
| 150 | D | TR3D157(1)6R3(2)0070 | 9.0 | 8 | 0.070 | 1.46 |
| 150 | D | TR3D157(1)6R3(3)0050 | 9.0 | 8 | 0.050 | 1.73 |
| 150 | E | TR3E157(1)6R3(2)0100 | 9.0 | 8 | 0.100 | 1.28 |
| 220 | C | TR3C227(1)6R3(2)0300 | 13.9 | 14 | 0.300 | 0.61 |
| 220 | C | TR3C227(1)6R3(2)0250 | 13.9 | 14 | 0.250 | 0.66 |
| 220 | C | TR3C227(1)6R3(2)0225 | 13.9 | 14 | 0.225 | 0.70 |
| 220 | D | TR3D227(1)6R3(2)0150 | 13.2 | 8 | 0.150 | 1.00 |
| 220 | D | TR3D227(1)6R3(2)0100 | 13.2 | 8 | 0.100 | 1.22 |
| 220 | D | TR3D227(1)6R3(3)0050 | 13.2 | 8 | 0.050 | 1.73 |
| 220 | E | TR3E227(1)6R3(2)0150 | 13.2 | 8 | 0.150 | 1.05 |
| 220 | E | TR3E227(1)6R3(2)0100 | 13.2 | 8 | 0.100 | 1.28 |
| 330 | D | TR3D337(1)6R3(2)0150 | 19.8 | 8 | 0.150 | 1.00 |
| 330 | D | TR3D337(1)6R3(2)0125 | 19.8 | 8 | 0.125 | 1.10 |
| 330 | D | TR3D337(1)6R3(2)0100 | 19.8 | 8 | 0.100 | 1.22 |
| 330 | D | TR3D337(1)6R3(2)0060 | 19.8 | 8 | 0.060 | 1.58 |
| 330 | D | TR3D337(1)6R3(3)0050 | 19.8 | 8 | 0.050 | 1.73 |
| 330 | D | TR3D337(1)6R3(3)0045 | 19.8 | 8 | 0.045 | 1.83 |
| 330 | D | TR3D337(1)6R3(3)0035 | 19.8 | 8 | 0.035 | 2.07 |
| 330 | E | TR3E337(1)6R3(2)0150 | 19.8 | 8 | 0.150 | 1.05 |
| 330 | E | TR3E337(1)6R3(2)0100 | 19.8 | 8 | 0.100 | 1.28 |
| 330 | E | TR3E337(1)6R3(3)0050 | 19.8 | 8 | 0.050 | 1.82 |



Solid Tantalum Surface Mount Capacitors
TANTAMOUNT®, Molded Case, Low ESR

Vishay Sprague

| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|------------|----------------------|---------------------------------|-------------------------------|---------------------------------|--|
| CAPACITANCE (µF) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (µA) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I _{rms} (A) |
| 6.3 V_{DC} AT + 85 °C, 4 V_{DC} AT 125 °C | | | | | | |
| 470 | D | TR3D477(1)6R3(2)0200 | 28.2 | 14 | 0.200 | 0.87 |
| 470 | D | TR3D477(1)6R3(2)0150 | 28.2 | 14 | 0.150 | 1.00 |
| 470 | D | TR3D477(1)6R3(2)0125 | 28.2 | 14 | 0.125 | 1.10 |
| 470 | D | TR3D477(1)6R3(3)0100 | 28.2 | 14 | 0.100 | 1.22 |
| 470 | E | TR3E477(1)6R3(2)0100 | 28.2 | 10 | 0.100 | 1.28 |
| 470 | E | TR3E477(1)6R3(2)0065 | 28.2 | 10 | 0.065 | 1.59 |
| 470 | E | TR3E477(1)6R3(2)0060 | 28.2 | 10 | 0.060 | 1.66 |
| 470 | E | TR3E477(1)6R3(2)0050 | 28.2 | 10 | 0.050 | 1.82 |
| 680 | E | TR3E687(1)6R3(2)0100 | 42.8 | 20 | 0.100 | 1.28 |
| 1000 | E | TR3E108M6R3(2)0200 | 63.0 | 30 | 0.200 | 0.91 |
| 1000 | E | TR3E108M6R3(2)0150 | 63.0 | 30 | 0.150 | 1.05 |
| 1000 | E | TR3E108M6R3(3)0100 | 63.0 | 30 | 0.100 | 1.28 |
| 10 V_{DC} AT + 85 °C, 7 V_{DC} AT 125 °C | | | | | | |
| 2.2 | A | TR3A225(1)010(2)6800 | 0.5 | 6 | 6.800 | 0.11 |
| 2.2 | A | TR3A225(1)010(2)6000 | 0.5 | 6 | 6.000 | 0.11 |
| 2.2 | A | TR3A225(1)010(2)1800 | 0.5 | 6 | 1.800 | 0.20 |
| 4.7 | A | TR3A475(1)010(2)3000 | 0.5 | 6 | 3.000 | 0.16 |
| 4.7 | A | TR3A475(1)010(2)1500 | 0.5 | 6 | 1.500 | 0.22 |
| 4.7 | A | TR3A475(1)010(2)1400 | 0.5 | 6 | 1.400 | 0.23 |
| 4.7 | A | TR3A475(1)010(2)1000 | 0.5 | 6 | 1.000 | 0.27 |
| 6.8 | A | TR3A685(1)010(2)3000 | 0.7 | 6 | 3.000 | 0.16 |
| 6.8 | A | TR3A685(1)010(2)1800 | 0.7 | 6 | 1.800 | 0.20 |
| 10 | A | TR3A106(1)010(2)2000 | 1.0 | 6 | 2.000 | 0.19 |
| 10 | A | TR3A106(1)010(2)1800 | 1.0 | 6 | 1.800 | 0.20 |
| 10 | A | TR3A106(1)010(2)1000 | 1.0 | 6 | 1.000 | 0.27 |
| 10 | A | TR3A106(1)010(2)0900 | 1.0 | 6 | 0.900 | 0.29 |
| 10 | B | TR3B106(1)010(2)1000 | 1.0 | 6 | 1.000 | 0.29 |
| 10 | B | TR3B106(1)010(2)0800 | 1.0 | 6 | 0.800 | 0.33 |
| 10 | B | TR3B106(1)010(2)0750 | 1.0 | 6 | 0.750 | 0.34 |
| 15 | A | TR3A156(1)010(2)2000 | 1.5 | 6 | 2.000 | 0.19 |
| 15 | A | TR3A156(1)010(2)1000 | 1.5 | 6 | 1.000 | 0.27 |
| 15 | B | TR3B156(1)010(2)0700 | 1.5 | 6 | 0.700 | 0.35 |
| 15 | B | TR3B156(1)010(2)0600 | 1.5 | 6 | 0.600 | 0.38 |
| 15 | B | TR3B156(1)010(2)0450 | 1.5 | 6 | 0.450 | 0.43 |
| 22 | A | TR3A226(1)010(2)1500 | 2.2 | 8 | 1.500 | 0.22 |
| 22 | A | TR3A226(1)010(2)1000 | 2.2 | 8 | 1.000 | 0.27 |
| 22 | A | TR3A226(1)010(2)0900 | 2.2 | 8 | 0.900 | 0.29 |
| 22 | A | TR3A226(1)010(2)0800 | 2.2 | 8 | 0.800 | 0.31 |
| 22 | B | TR3B226(1)010(2)1000 | 2.2 | 6 | 1.000 | 0.29 |
| 22 | B | TR3B226(1)010(2)0700 | 2.2 | 6 | 0.700 | 0.35 |
| 22 | B | TR3B226(1)010(2)0500 | 2.2 | 6 | 0.500 | 0.41 |
| 22 | B | TR3B226(1)010(2)0400 | 2.2 | 6 | 0.400 | 0.46 |
| 22 | C | TR3C226(1)010(2)0400 | 2.2 | 6 | 0.400 | 0.52 |
| 22 | C | TR3C226(1)010(2)0345 | 2.2 | 6 | 0.345 | 0.56 |
| 22 | C | TR3C226(1)010(2)0300 | 2.2 | 6 | 0.300 | 0.61 |
| 33 | B | TR3B336(1)010(2)1400 | 3.3 | 6 | 1.400 | 0.25 |
| 33 | B | TR3B336(1)010(2)0650 | 3.3 | 6 | 0.650 | 0.36 |
| 33 | B | TR3B336(1)010(2)0600 | 3.3 | 6 | 0.600 | 0.38 |
| 33 | B | TR3B336(1)010(2)0500 | 3.3 | 6 | 0.500 | 0.41 |
| 33 | B | TR3B336(1)010(2)0425 | 3.3 | 6 | 0.425 | 0.45 |
| 33 | B | TR3B336(1)010(2)0300 | 3.3 | 6 | 0.300 | 0.53 |
| 33 | C | TR3C336(1)010(2)0375 | 3.3 | 6 | 0.375 | 0.54 |
| 33 | C | TR3C336(1)010(2)0300 | 3.3 | 6 | 0.300 | 0.61 |



| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|---------------|----------------------|--|--|---|--|
| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
| 10 V _{DC} AT + 85 °C, 7 V _{DC} AT 125 °C | | | | | | |
| 47 | B | TR3B476(1)010(2)0650 | 4.7 | 6 | 0.650 | 0.36 |
| 47 | B | TR3B476(1)010(2)0600 | 4.7 | 6 | 0.600 | 0.38 |
| 47 | B | TR3B476(1)010(2)0500 | 4.7 | 6 | 0.500 | 0.41 |
| 47 | B | TR3B476(1)010(2)0350 | 4.7 | 6 | 0.350 | 0.49 |
| 47 | C | TR3C476(1)010(2)0350 | 4.7 | 6 | 0.350 | 0.56 |
| 47 | C | TR3C476(1)010(2)0300 | 4.7 | 6 | 0.300 | 0.61 |
| 47 | C | TR3C476(1)010(2)0200 | 4.7 | 6 | 0.200 | 0.74 |
| 47 | D | TR3D476(1)010(2)0220 | 4.7 | 6 | 0.220 | 0.83 |
| 47 | D | TR3D476(1)010(2)0200 | 4.7 | 6 | 0.200 | 0.87 |
| 47 | D | TR3D476(1)010(2)0140 | 4.7 | 6 | 0.140 | 1.04 |
| 47 | D | TR3D476(1)010(2)0135 | 4.7 | 6 | 0.135 | 1.05 |
| 47 | D | TR3D476(1)010(2)0100 | 4.7 | 6 | 0.100 | 1.22 |
| 68 | B | TR3B686(1)010(2)1500 | 6.8 | 14 | 1.500 | 0.24 |
| 68 | B | TR3B686(1)010(2)0900 | 6.8 | 14 | 0.900 | 0.31 |
| 68 | B | TR3B686(1)010(2)0750 | 6.8 | 14 | 0.750 | 0.34 |
| 68 | B | TR3B686(1)010(2)0600 | 6.8 | 14 | 0.600 | 0.38 |
| 68 | C | TR3C686(1)010(2)0300 | 6.8 | 6 | 0.300 | 0.61 |
| 68 | C | TR3C686(1)010(2)0275 | 6.8 | 6 | 0.275 | 0.63 |
| 68 | C | TR3C686(1)010(2)0225 | 6.8 | 6 | 0.225 | 0.70 |
| 68 | C | TR3C686(1)010(2)0200 | 6.8 | 6 | 0.200 | 0.74 |
| 68 | D | TR3D686(1)010(2)0200 | 6.8 | 6 | 0.200 | 0.87 |
| 68 | D | TR3D686(1)010(2)0150 | 6.8 | 6 | 0.150 | 1.00 |
| 68 | D | TR3D686(1)010(2)0100 | 6.8 | 6 | 0.100 | 1.22 |
| 68 | D | TR3D686(1)010(3)0070 | 6.8 | 6 | 0.070 | 1.46 |
| 68 | E | TR3E686(1)010(2)0150 | 5.4 | 4 | 0.150 | 1.05 |
| 68 | V | TR3V686(1)010(3)0700 | 6.8 | 6 | 0.700 | 0.42 |
| 68 | V | TR3V686(1)010(3)0300 | 6.8 | 6 | 0.300 | 0.65 |
| 68 | V | TR3V686(1)010(3)0200 | 6.8 | 6 | 0.200 | 0.79 |
| 68 | V | TR3V686(1)010(3)0140 | 6.8 | 6 | 0.140 | 0.94 |
| 68 | V | TR3V686(1)010(3)0100 | 6.8 | 6 | 0.100 | 1.12 |
| 100 | B | TR3B107(M)010(2)1400 | 10.0 | 25 | 1.400 | 0.25 |
| 100 | C | TR3C107(1)010(2)0200 | 10.0 | 8 | 0.200 | 0.74 |
| 100 | C | TR3C107(1)010(2)0150 | 10.0 | 8 | 0.150 | 0.86 |
| 100 | C | TR3C107(1)010(2)0100 | 10.0 | 8 | 0.100 | 1.05 |
| 100 | D | TR3D107(1)010(2)0150 | 10.0 | 6 | 0.150 | 1.00 |
| 100 | D | TR3D107(1)010(2)0100 | 10.0 | 6 | 0.100 | 1.22 |
| 100 | D | TR3D107(1)010(2)0080 | 10.0 | 6 | 0.080 | 1.37 |
| 100 | D | TR3D107(1)010(3)0070 | 10.0 | 6 | 0.070 | 1.52 |
| 100 | D | TR3D107(1)010(3)0065 | 10.0 | 6 | 0.065 | 1.46 |
| 100 | D | TR3D107(1)010(3)0050 | 10.0 | 6 | 0.050 | 1.73 |
| 100 | E | TR3E107(1)010(2)0150 | 10.0 | 6 | 0.150 | 1.05 |
| 100 | E | TR3E107(1)010(2)0125 | 10.0 | 6 | 0.125 | 1.15 |
| 100 | E | TR3E107(1)010(2)0100 | 10.0 | 6 | 0.100 | 1.28 |
| 100 | V | TR3V107(1)010(3)0400 | 10.0 | 8 | 0.400 | 0.56 |
| 100 | V | TR3V107(1)010(3)0200 | 10.0 | 8 | 0.200 | 0.79 |
| 100 | V | TR3V107(1)010(3)0150 | 10.0 | 8 | 0.150 | 0.91 |
| 150 | C | TR3C157M010(2)0500 | 15.0 | 20 | 0.500 | 0.47 |
| 150 | D | TR3D157(1)010(2)0150 | 15.0 | 8 | 0.150 | 1.00 |
| 150 | D | TR3D157(1)010(2)0100 | 15.0 | 8 | 0.100 | 1.22 |
| 150 | D | TR3D157(1)010(2)0075 | 15.0 | 8 | 0.075 | 1.41 |
| 150 | D | TR3D157(1)010(3)0070 | 15.0 | 8 | 0.070 | 1.46 |
| 150 | D | TR3D157(1)010(3)0050 | 15.0 | 8 | 0.050 | 1.73 |
| 150 | E | TR3E157(1)010(2)0100 | 15.0 | 8 | 0.100 | 1.28 |
| 150 | E | TR3E157(1)010(2)0080 | 15.0 | 8 | 0.080 | 1.44 |



Solid Tantalum Surface Mount Capacitors
TANTAMOUNT®, Molded Case, Low ESR

Vishay Sprague

| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|------------|----------------------|---------------------------------|-------------------------------|---------------------------------|--|
| CAPACITANCE (µF) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (µA) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I _{rms} (A) |
| 10 V_{DC} AT + 85 °C, 7 V_{DC} AT 125 °C | | | | | | |
| 220 | D | TR3D227(1)010(2)0150 | 22.0 | 8 | 0.150 | 1.00 |
| 220 | D | TR3D227(1)010(2)0125 | 22.0 | 8 | 0.125 | 1.10 |
| 220 | D | TR3D227(1)010(2)0100 | 22.0 | 8 | 0.100 | 1.22 |
| 220 | D | TR3D227(1)010(3)0050 | 22.0 | 8 | 0.050 | 1.73 |
| 220 | E | TR3E227(1)010(2)0150 | 22.0 | 8 | 0.150 | 1.05 |
| 220 | E | TR3E227(1)010(2)0100 | 22.0 | 8 | 0.100 | 1.28 |
| 220 | E | TR3E227(1)010(2)0070 | 22.0 | 8 | 0.070 | 1.54 |
| 220 | E | TR3E227(1)010(2)0060 | 22.0 | 8 | 0.060 | 1.66 |
| 220 | E | TR3E227(1)010(2)0050 | 22.0 | 8 | 0.050 | 1.82 |
| 220 | V | TR3V227(1)010(3)0200 | 30.0 | 12 | 0.200 | 0.79 |
| 220 | V | TR3V227(1)010(3)0150 | 30.0 | 12 | 0.150 | 0.91 |
| 330 | D | TR3D337(1)010(2)0150 | 33.0 | 15 | 0.150 | 1.00 |
| 330 | D | TR3D337(1)010(2)0125 | 33.0 | 15 | 0.125 | 1.10 |
| 330 | D | TR3D337(1)010(2)0100 | 33.0 | 15 | 0.100 | 1.22 |
| 330 | E | TR3E337(1)010(2)0100 | 33.0 | 10 | 0.100 | 1.28 |
| 330 | E | TR3E337(1)010(3)0060 | 33.0 | 10 | 0.060 | 1.66 |
| 470 | E | TR3E477(1)010(2)0200 | 47.0 | 15 | 0.200 | 0.91 |
| 470 | E | TR3E477(1)010(2)0150 | 47.0 | 15 | 0.150 | 1.05 |
| 470 | E | TR3E477(1)010(2)0100 | 47.0 | 15 | 0.100 | 1.28 |
| 470 | E | TR3E477(1)010(3)0075 | 47.0 | 15 | 0.075 | 1.48 |
| 470* | E | TR3E477(1)010(2)0060 | 47.0 | 15 | 0.060 | 1.66 |
| 470* | E | TR3E477(1)010(2)0055 | 47.0 | 15 | 0.055 | 1.82 |
| 16 V_{DC} AT + 85 °C, 10 V_{DC} AT + 125 °C | | | | | | |
| 2.2 | A | TR3A225(1)016(2)4000 | 0.5 | 6 | 4.000 | 0.14 |
| 2.2 | A | TR3A225(1)016(2)3500 | 0.5 | 6 | 3.500 | 0.15 |
| 2.2 | A | TR3A225(1)016(2)1800 | 0.5 | 6 | 1.800 | 0.20 |
| 3.3 | A | TR3A335(1)016(2)4000 | 0.5 | 6 | 4.000 | 0.14 |
| 3.3 | A | TR3A335(1)016(2)3500 | 0.5 | 6 | 3.500 | 0.15 |
| 4.7 | A | TR3A475(1)016(2)3000 | 0.8 | 6 | 3.000 | 0.16 |
| 4.7 | A | TR3A475(1)016(2)2500 | 0.8 | 6 | 2.500 | 0.17 |
| 4.7 | A | TR3A475(1)016(2)2000 | 0.8 | 6 | 2.000 | 0.19 |
| 4.7 | A | TR3A475(1)016(2)1500 | 0.8 | 6 | 1.500 | 0.22 |
| 4.7 | B | TR3B475(1)016(2)1500 | 0.8 | 6 | 1.500 | 0.24 |
| 4.7 | B | TR3B475(1)016(2)0800 | 0.8 | 6 | 0.800 | 0.33 |
| 6.8 | A | TR3A685(1)016(2)3000 | 1.1 | 6 | 3.000 | 0.16 |
| 6.8 | A | TR3A685(1)016(2)1500 | 1.1 | 6 | 1.500 | 0.22 |
| 6.8 | B | TR3B685(1)016(2)1200 | 1.1 | 6 | 1.200 | 0.27 |
| 6.8 | B | TR3B685(1)016(2)0600 | 1.1 | 6 | 0.600 | 0.38 |
| 10 | A | TR3A106(1)016(2)1700 | 1.6 | 6 | 1.700 | 0.21 |
| 10 | B | TR3B106(1)016(2)0800 | 1.6 | 6 | 0.800 | 0.33 |
| 10 | B | TR3B106(1)016(2)0500 | 1.6 | 6 | 0.500 | 0.41 |
| 10 | C | TR3C106(1)016(2)0600 | 1.6 | 6 | 0.600 | 0.43 |
| 10 | C | TR3C106(1)016(2)0500 | 1.6 | 6 | 0.500 | 0.47 |
| 10 | C | TR3C106(1)016(2)0450 | 1.6 | 6 | 0.450 | 0.49 |
| 15 | B | TR3B156(1)016(2)0800 | 2.4 | 6 | 0.800 | 0.33 |
| 15 | B | TR3B156(1)016(2)0500 | 2.4 | 6 | 0.500 | 0.41 |
| 15 | C | TR3C156(1)016(2)0400 | 2.4 | 6 | 0.400 | 0.52 |
| 22 | B | TR3B226(1)016(2)1000 | 3.5 | 6 | 1.000 | 0.29 |
| 22 | B | TR3B226(1)016(2)0700 | 3.5 | 6 | 0.700 | 0.35 |
| 22 | B | TR3B226(1)016(2)0600 | 3.5 | 6 | 0.600 | 0.38 |
| 22 | B | TR3B226(1)016(2)0400 | 3.5 | 6 | 0.400 | 0.46 |
| 22 | C | TR3C226(1)016(2)0375 | 3.5 | 6 | 0.375 | 0.54 |
| 22 | C | TR3C226(1)016(2)0350 | 3.5 | 6 | 0.350 | 0.56 |
| 22 | D | TR3D226(1)016(2)0250 | 3.5 | 6 | 0.250 | 0.77 |



| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|---------------|----------------------|--|--|---|--|
| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
| 16 V_{DC} AT + 85 °C, 10 V_{DC} AT + 125 °C | | | | | | |
| 33 | B | TR3B336(1)016(2)0700 | 5.3 | 6 | 0.700 | 0.35 |
| 33 | B | TR3B336(1)016(2)0500 | 5.3 | 6 | 0.500 | 0.41 |
| 33 | B | TR3B336(1)016(2)0350 | 5.3 | 6 | 0.350 | 0.49 |
| 33 | C | TR3C336(1)016(2)0300 | 5.3 | 6 | 0.300 | 0.61 |
| 33 | C | TR3C336(1)016(2)0225 | 5.3 | 6 | 0.225 | 0.70 |
| 33 | D | TR3D336(1)016(2)0250 | 5.3 | 6 | 0.250 | 0.77 |
| 33 | D | TR3D336(1)016(2)0225 | 4.2 | 4 | 0.225 | 0.82 |
| 33 | D | TR3D336(1)016(2)0150 | 5.3 | 6 | 0.150 | 1.00 |
| 47 | C | TR3C476(1)016(2)0500 | 7.5 | 6 | 0.500 | 0.47 |
| 47 | C | TR3C476(1)016(2)0350 | 7.5 | 6 | 0.350 | 0.56 |
| 47 | C | TR3C476(1)016(2)0300 | 7.5 | 6 | 0.300 | 0.61 |
| 47 | D | TR3D476(1)016(2)0200 | 7.5 | 6 | 0.200 | 0.87 |
| 47 | D | TR3D476(1)016(2)0150 | 7.5 | 6 | 0.150 | 1.00 |
| 47 | D | TR3D476(1)016(2)0100 | 7.5 | 6 | 0.100 | 1.22 |
| 68 | D | TR3D686(1)016(2)0150 | 10.9 | 6 | 0.150 | 1.00 |
| 68 | D | TR3D686(1)016(2)0100 | 10.9 | 6 | 0.100 | 1.22 |
| 68 | D | TR3D686(1)016(3)0070 | 10.9 | 6 | 0.070 | 1.46 |
| 100 | D | TR3D107(1)016(2)0150 | 16.0 | 8 | 0.150 | 1.00 |
| 100 | D | TR3D107(1)016(2)0125 | 16.0 | 8 | 0.125 | 1.10 |
| 100 | D | TR3D107(1)016(2)0100 | 16.0 | 8 | 0.100 | 1.22 |
| 100 | D | TR3D107(1)016(3)0075 | 16.0 | 8 | 0.075 | 1.41 |
| 100 | E | TR3E107(1)016(2)0150 | 16.0 | 8 | 0.150 | 1.05 |
| 100 | E | TR3E107(1)016(2)0125 | 16.0 | 8 | 0.125 | 1.15 |
| 100 | E | TR3E107(1)016(2)0100 | 16.0 | 8 | 0.100 | 1.28 |
| 150 | D | TR3D157(1)016(2)0400 | 24.0 | 8 | 0.400 | 0.61 |
| 150 | D | TR3D157(1)016(2)0150 | 24.0 | 8 | 0.150 | 1.00 |
| 150 | D | TR3D157(1)016(2)0125 | 24.0 | 8 | 0.125 | 1.10 |
| 150 | D | TR3D157(1)016(2)0100 | 24.0 | 8 | 0.100 | 1.22 |
| 150 | D | TR3D157(1)016(2)0085 | 24.0 | 8 | 0.085 | 1.33 |
| 150 | D | TR3D157(1)016(3)0075 | 24.0 | 8 | 0.075 | 1.41 |
| 150 | D | TR3D157(1)016(3)0060 | 24.0 | 8 | 0.060 | 1.58 |
| 150 | E | TR3E157(1)016(2)0400 | 24.0 | 8 | 0.400 | 0.64 |
| 150 | E | TR3E157(1)016(2)0150 | 24.0 | 8 | 0.150 | 1.05 |
| 150 | E | TR3E157(1)016(2)0100 | 24.0 | 8 | 0.100 | 1.28 |
| 150 | E | TR3E157(1)016(2)0075 | 24.0 | 8 | 0.075 | 1.48 |
| 150 | E | TR3E157(1)016(3)0060 | 24.0 | 8 | 0.060 | 1.66 |
| 220 | E | TR3E227(1)016(2)0150 | 35.2 | 14 | 0.150 | 1.05 |
| 220 | E | TR3E227(1)016(2)0125 | 35.2 | 14 | 0.125 | 1.15 |
| 220 | E | TR3E227(1)016(2)0100 | 35.2 | 14 | 0.100 | 1.28 |
| 20 V_{DC} AT + 85 °C, 13 V_{DC} AT + 125 °C | | | | | | |
| 1 | A | TR3A105(1)020(2)5500 | 0.5 | 4 | 5.500 | 0.12 |
| 1 | A | TR3A105(1)020(2)3000 | 0.5 | 4 | 3.000 | 0.16 |
| 2.2 | A | TR3A225(1)020(2)4000 | 0.5 | 6 | 4.000 | 0.14 |
| 2.2 | A | TR3A225(1)020(2)3000 | 0.5 | 6 | 3.000 | 0.16 |
| 3.3 | A | TR3A335(1)020(2)4000 | 0.7 | 6 | 4.000 | 0.14 |
| 3.3 | B | TR3B335(1)020(2)1300 | 0.7 | 6 | 1.300 | 0.26 |
| 4.7 | A | TR3A475(1)020(2)3500 | 0.9 | 6 | 3.500 | 0.15 |
| 4.7 | A | TR3A475(1)020(2)1800 | 0.9 | 6 | 1.800 | 0.20 |
| 4.7 | B | TR3B475(1)020(2)1000 | 0.9 | 6 | 1.000 | 0.29 |
| 4.7 | B | TR3B475(1)020(2)0750 | 0.9 | 6 | 0.750 | 0.34 |
| 6.8 | A | TR3A685(1)020(2)3200 | 1.4 | 6 | 3.200 | 0.15 |
| 6.8 | A | TR3A685(1)020(2)3000 | 1.4 | 6 | 3.000 | 0.16 |
| 6.8 | A | TR3A685(1)020(2)2600 | 1.4 | 6 | 2.600 | 0.17 |
| 6.8 | B | TR3B685(1)020(2)1000 | 1.4 | 6 | 1.000 | 0.29 |
| 6.8 | B | TR3B685(1)020(2)0600 | 1.4 | 6 | 0.600 | 0.38 |



Solid Tantalum Surface Mount Capacitors
TANTAMOUNT®, Molded Case, Low ESR

Vishay Sprague

| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|---------------|----------------------|--|--|---|--|
| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
| 20 V_{DC} AT + 85 °C, 13 V_{DC} AT + 125 °C | | | | | | |
| 10 | B | TR3B106(1)020(2)1000 | 2.0 | 6 | 1.000 | 0.29 |
| 10 | B | TR3B106(1)020(2)0500 | 2.0 | 6 | 0.500 | 0.41 |
| 10 | C | TR3C106(1)020(2)0700 | 2.0 | 6 | 0.700 | 0.40 |
| 10 | C | TR3C106(1)020(2)0500 | 2.0 | 6 | 0.500 | 0.47 |
| 10 | C | TR3C106(1)020(2)0475 | 2.0 | 6 | 0.475 | 0.48 |
| 10 | C | TR3C106(1)020(2)0450 | 2.0 | 6 | 0.450 | 0.49 |
| 10 | C | TR3C106(1)020(2)0400 | 2.0 | 6 | 0.400 | 0.52 |
| 15 | B | TR3B156(1)020(2)1000 | 3.0 | 6 | 1.000 | 0.29 |
| 15 | B | TR3B156(1)020(2)0500 | 3.0 | 6 | 0.500 | 0.41 |
| 15 | C | TR3C156(1)020(2)0400 | 3.0 | 6 | 0.400 | 0.52 |
| 22 | B | TR3B226(1)020(2)0800 | 4.4 | 6 | 0.800 | 0.33 |
| 22 | B | TR3B226(1)020(2)0600 | 4.4 | 6 | 0.600 | 0.38 |
| 22 | B | TR3B226(1)020(2)0400 | 4.4 | 6 | 0.400 | 0.46 |
| 22 | C | TR3C226(1)020(2)0400 | 4.4 | 6 | 0.400 | 0.52 |
| 22 | C | TR3C226(1)020(2)0375 | 4.4 | 6 | 0.375 | 0.54 |
| 22 | D | TR3D226(1)020(2)0300 | 4.4 | 6 | 0.300 | 0.71 |
| 22 | D | TR3D226(1)020(2)0275 | 3.5 | 4 | 0.275 | 0.74 |
| 22 | D | TR3D226(1)020(2)0225 | 3.5 | 4 | 0.225 | 0.82 |
| 22 | D | TR3D226(1)020(2)0200 | 4.4 | 6 | 0.200 | 0.87 |
| 33 | C | TR3C336(1)020(2)0400 | 6.6 | 6 | 0.400 | 0.52 |
| 33 | C | TR3C336(1)020(2)0350 | 6.6 | 6 | 0.350 | 0.56 |
| 33 | C | TR3C336(1)020(2)0300 | 6.6 | 6 | 0.300 | 0.61 |
| 33 | C | TR3C336(1)020(2)0200 | 6.6 | 6 | 0.200 | 0.74 |
| 33 | D | TR3C336(1)020(2)0400 | 6.6 | 6 | 0.400 | 0.61 |
| 33 | D | TR3D336(1)020(2)0250 | 6.6 | 6 | 0.250 | 0.77 |
| 33 | D | TR3D336(1)020(2)0200 | 6.6 | 6 | 0.200 | 0.87 |
| 47 | D | TR3D476(1)020(2)0200 | 9.4 | 6 | 0.200 | 0.87 |
| 47 | D | TR3D476(1)020(2)0175 | 9.4 | 6 | 0.175 | 0.93 |
| 47 | D | TR3D476(1)020(2)0150 | 9.4 | 6 | 0.150 | 1.00 |
| 47 | D | TR3D476(1)020(3)0100 | 9.4 | 6 | 0.100 | 1.22 |
| 47 | E | TR3E476(1)020(2)0150 | 7.5 | 4 | 0.150 | 1.05 |
| 47 | E | TR3E476(1)020(3)0125 | 9.4 | 6 | 0.125 | 1.15 |
| 68 | D | TR3D686(1)020(2)0200 | 13.6 | 6 | 0.200 | 0.87 |
| 68 | D | TR3D686(1)020(2)0175 | 13.6 | 6 | 0.175 | 0.93 |
| 68 | D | TR3D686(1)020(2)0150 | 13.6 | 6 | 0.150 | 1.00 |
| 68 | D | TR3D686(1)020(2)0115 | 13.6 | 6 | 0.115 | 1.14 |
| 68 | E | TR3E686(1)020(2)0200 | 13.6 | 6 | 0.200 | 0.91 |
| 68 | E | TR3E686(1)020(2)0150 | 13.6 | 6 | 0.150 | 1.05 |
| 68 | E | TR3E686(1)020(2)0125 | 13.6 | 6 | 0.125 | 1.15 |
| 68 | E | TR3E686(1)020(2)0120 | 13.6 | 6 | 0.120 | 1.17 |
| 100 | D | TR3D107(1)020(2)0200 | 20.0 | 8 | 0.200 | 0.87 |
| 100 | D | TR3D107(1)020(2)0150 | 20.0 | 8 | 0.150 | 1.00 |
| 100 | D | TR3D107(1)020(2)0100 | 20.0 | 8 | 0.100 | 1.22 |
| 100 | D | TR3D107(1)020(3)0085 | 20.0 | 8 | 0.085 | 1.33 |
| 100 | D | TR3D107(1)020(3)0080 | 20.0 | 8 | 0.080 | 1.37 |
| 100 | E | TR3E107(1)020(2)0200 | 20.0 | 8 | 0.200 | 0.91 |
| 100 | E | TR3E107(1)020(2)0150 | 20.0 | 8 | 0.150 | 1.05 |
| 100 | E | TR3E107(1)020(2)0100 | 20.0 | 8 | 0.100 | 1.28 |

RATINGS AND PART NUMBER REFERENCE

| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
|---|---------------|----------------------|--|--|---|--|
| 25 V _{DC} AT + 85 °C, 17 V _{DC} AT + 125 °C | | | | | | |
| 1 | A | TR3A105(1)025(2)4000 | 0.5 | 4 | 4.000 | 0.14 |
| 1.5 | A | TR3A155(1)025(2)4000 | 0.5 | 6 | 4.000 | 0.14 |
| 1.5 | A | TR3A155(1)025(2)3000 | 0.5 | 6 | 3.000 | 0.16 |
| 2.2 | A | TR3A225(1)025(2)4000 | 0.6 | 6 | 4.000 | 0.14 |
| 2.2 | B | TR3B225(1)025(2)1500 | 0.6 | 6 | 1.500 | 0.24 |
| 2.2 | B | TR3B225(1)025(2)1200 | 0.6 | 6 | 1.200 | 0.27 |
| 2.2 | B | TR3B225(1)025(2)0900 | 0.6 | 6 | 0.900 | 0.31 |
| 3.3 | A | TR3A335(1)025(2)3500 | 0.8 | 6 | 3.500 | 0.15 |
| 3.3 | A | TR3A335(1)025(2)3000 | 0.8 | 6 | 3.000 | 0.16 |
| 3.3 | B | TR3B335(1)025(2)2000 | 0.8 | 6 | 2.000 | 0.21 |
| 3.3 | B | TR3B335(1)025(2)1500 | 0.8 | 6 | 1.500 | 0.24 |
| 3.3 | B | TR3B335(1)025(2)0750 | 0.8 | 6 | 0.750 | 0.34 |
| 4.7 | A | TR3A475(1)025(2)3500 | 1.2 | 6 | 3.500 | 0.15 |
| 4.7 | A | TR3A475(1)025(2)3000 | 1.2 | 6 | 3.000 | 0.16 |
| 4.7 | B | TR3B475(1)025(2)1500 | 1.2 | 6 | 1.500 | 0.24 |
| 4.7 | B | TR3B475(1)025(2)1000 | 1.2 | 6 | 1.000 | 0.29 |
| 4.7 | B | TR3B475(1)025(2)0900 | 1.2 | 6 | 0.900 | 0.10 |
| 4.7 | B | TR3B475(1)025(2)0700 | 1.2 | 6 | 0.700 | 0.35 |
| 4.7 | C | TR3C475(1)025(2)0600 | 1.2 | 6 | 0.600 | 0.43 |
| 4.7 | C | TR3C475(1)025(2)0525 | 1.2 | 6 | 0.525 | 0.46 |
| 6.8 | B | TR3B685(1)025(2)2000 | 1.7 | 6 | 2.000 | 0.21 |
| 6.8 | B | TR3B685(1)025(2)1500 | 1.7 | 6 | 1.500 | 0.24 |
| 6.8 | B | TR3B685(1)025(2)1200 | 1.7 | 6 | 1.200 | 0.27 |
| 6.8 | B | TR3B685(1)025(2)0700 | 1.7 | 6 | 0.700 | 0.35 |
| 6.8 | B | TR3B685(1)025(3)0500 | 1.7 | 6 | 0.500 | 0.41 |
| 6.8 | B | TR3B685(1)025(3)0400 | 1.7 | 6 | 0.400 | 0.46 |
| 6.8 | C | TR3C685(1)025(2)0600 | 1.7 | 6 | 0.600 | 0.43 |
| 6.8 | C | TR3C685(1)025(2)0500 | 1.7 | 6 | 0.500 | 0.47 |
| 10 | B | TR3B106(1)025(2)1300 | 2.5 | 6 | 1.300 | 0.26 |
| 10 | B | TR3B106(1)025(2)1100 | 2.5 | 6 | 1.100 | 0.28 |
| 10 | B | TR3B106(1)025(2)0450 | 2.5 | 6 | 0.450 | 0.43 |
| 10 | C | TR3C106(1)025(2)0600 | 2.5 | 6 | 0.600 | 0.43 |
| 10 | C | TR3C106(1)025(2)0500 | 2.5 | 6 | 0.500 | 0.47 |
| 10 | C | TR3C106(1)025(2)0450 | 2.5 | 6 | 0.450 | 0.49 |
| 10 | C | TR3C106(1)025(2)0300 | 2.5 | 6 | 0.300 | 0.61 |
| 10 | D | TR3D106(1)025(2)0400 | 2.5 | 6 | 0.400 | 0.61 |
| 10 | D | TR3D106(1)025(2)0300 | 2.5 | 6 | 0.300 | 0.71 |
| 15 | B | TR3B156(1)025(2)1000 | 3.8 | 6 | 1.000 | 0.29 |
| 15 | B | TR3B156(1)025(2)0800 | 3.8 | 6 | 0.800 | 0.33 |
| 15 | B | TR3B156(1)025(2)0600 | 3.8 | 6 | 0.600 | 0.38 |
| 15 | C | TR3C156(1)025(2)0900 | 3.8 | 6 | 0.900 | 0.35 |
| 15 | C | TR3C156(1)025(2)0425 | 3.8 | 6 | 0.425 | 0.51 |
| 15 | D | TR3D156(1)025(2)0350 | 3.8 | 6 | 0.350 | 0.65 |
| 15 | D | TR3D156(1)025(2)0275 | 3.8 | 6 | 0.275 | 0.74 |
| 15 | D | TR3D156(1)025(2)0250 | 3.8 | 6 | 0.250 | 0.77 |
| 15 | D | TR3D156(1)025(2)0200 | 3.8 | 6 | 0.200 | 0.87 |
| 22 | C | TR3C226(1)025(2)1000 | 5.5 | 6 | 1.000 | 0.33 |
| 22 | C | TR3C226(1)025(2)0900 | 5.5 | 6 | 0.900 | 0.35 |
| 22 | C | TR3C226(1)025(2)0400 | 5.5 | 6 | 0.400 | 0.52 |
| 22 | C | TR3C226(1)025(2)0425 | 5.5 | 6 | 0.425 | 0.51 |
| 22 | C | TR3C226(1)025(2)0300 | 5.5 | 6 | 0.300 | 0.61 |
| 22 | C | TR3C226(1)025(2)0275 | 5.5 | 6 | 0.275 | 0.63 |
| 22 | C | TR3C226(1)025(2)0250 | 5.5 | 6 | 0.250 | 0.66 |
| 22 | D | TR3D226(1)025(2)0300 | 5.5 | 6 | 0.300 | 0.71 |



Solid Tantalum Surface Mount Capacitors
TANTAMOUNT®, Molded Case, Low ESR

Vishay Sprague

| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|---------------|----------------------|--|--|---|--|
| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
| 25 V_{DC} AT + 85 °C, 17 V_{DC} AT + 125 °C | | | | | | |
| 22 | D | TR3D226(1)025(2)0200 | 5.5 | 6 | 0.200 | 0.87 |
| 22 | E | TR3E226(1)025(2)0300 | 5.5 | 6 | 0.300 | 0.74 |
| 22 | E | TR3E226(1)025(2)0200 | 5.5 | 6 | 0.200 | 0.91 |
| 22 | V | TR3V226(1)025(3)0500 | 5.5 | 6 | 0.500 | 0.50 |
| 22 | V | TR3V226(1)025(3)0400 | 5.5 | 6 | 0.400 | 0.56 |
| 22 | V | TR3V226(1)025(3)0250 | 5.5 | 6 | 0.250 | 0.71 |
| 33 | D | TR3D336(1)025(2)0400 | 8.3 | 6 | 0.400 | 0.61 |
| 33 | D | TR3D336(1)025(2)0300 | 8.3 | 6 | 0.300 | 0.71 |
| 33 | D | TR3D336(1)025(2)0225 | 8.3 | 6 | 0.225 | 0.82 |
| 33 | D | TR3D336(1)025(2)0200 | 8.3 | 6 | 0.200 | 0.87 |
| 33 | E | TR3E336(1)025(2)0300 | 8.3 | 6 | 0.300 | 0.74 |
| 33 | E | TR3E336(1)025(2)0200 | 8.3 | 6 | 0.200 | 0.91 |
| 33 | E | TR3E336(1)025(2)0175 | 6.6 | 4 | 0.175 | 0.97 |
| 47 | D | TR3D476(1)025(2)0350 | 11.8 | 8 | 0.350 | 0.65 |
| 47 | D | TR3D476(1)025(2)0250 | 11.8 | 8 | 0.250 | 0.77 |
| 47 | D | TR3D476(1)025(2)0200 | 11.8 | 8 | 0.200 | 0.87 |
| 47 | D | TR3D476(1)025(2)0150 | 11.8 | 8 | 0.150 | 1.00 |
| 47 | D | TR3D476(1)025(3)0125 | 11.8 | 8 | 0.125 | 1.10 |
| 47 | D | TR3D476(1)025(3)0100 | 11.8 | 8 | 0.100 | 1.22 |
| 47 | E | TR3E476(1)025(3)0125 | 11.8 | 8 | 0.125 | 1.15 |
| 47 | E | TR3E476(1)025(2)0300 | 11.8 | 6 | 0.300 | 0.74 |
| 47 | E | TR3E476(1)025(2)0200 | 11.8 | 6 | 0.200 | 0.91 |
| 47 | E | TR3E476(1)025(2)0150 | 11.8 | 8 | 0.150 | 1.05 |
| 47 | E | TR3E476(1)025(3)0100 | 11.8 | 8 | 0.100 | 1.28 |
| 35 V_{DC} AT + 85 °C, 23 V_{DC} AT + 125 °C | | | | | | |
| 0.47 | A | TR3A474(1)035(2)4000 | 0.5 | 4 | 4.000 | 0.14 |
| 0.68 | A | TR3A684(1)035(2)6000 | 0.5 | 4 | 6.000 | 0.11 |
| 0.68 | A | TR3A684(1)035(2)4000 | 0.5 | 4 | 4.000 | 0.14 |
| 1 | A | TR3A105(1)035(2)6000 | 0.5 | 4 | 6.000 | 0.11 |
| 1 | A | TR3A105(1)035(2)4000 | 0.5 | 4 | 4.000 | 0.14 |
| 1 | A | TR3A105(1)035(2)3000 | 0.5 | 4 | 3.000 | 0.16 |
| 1 | B | TR3B105(1)035(2)2000 | 0.5 | 4 | 2.000 | 0.21 |
| 1.5 | B | TR3B155(1)035(2)3000 | 0.5 | 6 | 3.000 | 0.17 |
| 1.5 | B | TR3B155(1)035(2)2000 | 0.5 | 6 | 2.000 | 0.21 |
| 1.5 | C | TR3C155(1)035(2)2500 | 0.5 | 6 | 2.500 | 0.21 |
| 1.5 | C | TR3C155(1)035(2)0900 | 0.5 | 6 | 0.900 | 0.35 |
| 2.2 | B | TR3B225(1)035(2)2500 | 0.8 | 6 | 2.500 | 0.18 |
| 2.2 | B | TR3B225(1)035(2)2000 | 0.8 | 6 | 2.000 | 0.21 |
| 2.2 | B | TR3B225(1)035(2)1500 | 0.8 | 6 | 1.500 | 0.24 |
| 2.2 | C | TR3C225(1)035(2)1500 | 0.8 | 6 | 1.500 | 0.27 |
| 2.2 | C | TR3C225(1)035(2)0900 | 0.8 | 6 | 0.900 | 0.35 |
| 3.3 | B | TR3B335(1)035(2)1500 | 1.2 | 6 | 1.500 | 0.24 |
| 3.3 | B | TR3B335(1)035(2)1000 | 1.2 | 6 | 1.000 | 0.29 |
| 3.3 | C | TR3C335(1)035(2)0800 | 1.2 | 6 | 0.800 | 0.37 |
| 3.3 | C | TR3C335(1)035(2)0700 | 1.2 | 6 | 0.700 | 0.40 |
| 3.3 | C | TR3C335(1)035(2)0600 | 1.2 | 6 | 0.600 | 0.43 |
| 4.7 | B | TR3B475(1)035(2)1500 | 1.6 | 6 | 1.500 | 0.24 |
| 4.7 | B | TR3B475(1)035(2)1000 | 1.6 | 6 | 1.000 | 0.29 |
| 4.7 | B | TR3B475(1)035(2)0700 | 1.6 | 6 | 0.700 | 0.35 |
| 4.7 | C | TR3C475(1)035(2)0700 | 1.6 | 6 | 0.700 | 0.40 |
| 4.7 | C | TR3C475(1)035(2)0600 | 1.6 | 6 | 0.600 | 0.43 |
| 4.7 | C | TR3C475(1)035(2)0500 | 1.6 | 6 | 0.500 | 0.47 |
| 4.7 | D | TR3D475(1)035(2)0700 | 1.6 | 6 | 0.700 | 0.46 |



| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|--|---------------|----------------------|--|--|---|--|
| CAPACITANCE (μ F) | CASEC CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μ A) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I_{rms} (A) |
| 35 V_{DC} AT + 85 °C, 23 V_{DC} AT + 125 °C | | | | | | |
| 6.8 | C | TR3C685(1)035(2)0900 | 2.4 | 6 | 0.900 | 0.35 |
| 6.8 | C | TR3C685(1)035(2)0475 | 2.4 | 6 | 0.475 | 0.48 |
| 6.8 | D | TR3D685(1)035(2)0500 | 2.4 | 6 | 0.500 | 0.55 |
| 6.8 | D | TR3D685(1)035(2)0400 | 2.4 | 6 | 0.400 | 0.61 |
| 6.8 | D | TR3D685(1)035(2)0300 | 2.4 | 6 | 0.300 | 0.71 |
| 6.8 | E | TR3E685(1)035(2)0300 | 1.9 | 4 | 0.300 | 0.74 |
| 10 | C | TR3C106(1)035(2)1200 | 3.5 | 6 | 1.200 | 0.30 |
| 10 | C | TR3C106(1)035(2)0450 | 3.5 | 6 | 0.450 | 0.49 |
| 10 | D | TR3D106(1)035(2)0400 | 3.5 | 6 | 0.400 | 0.61 |
| 10 | D | TR3D106(1)035(2)0300 | 3.5 | 6 | 0.300 | 0.71 |
| 10 | D | TR3D106(1)035(2)0260 | 3.5 | 6 | 0.260 | 0.76 |
| 10 | D | TR3D106(1)035(2)0250 | 3.5 | 6 | 0.250 | 0.77 |
| 10 | D | TR3D106(1)035(2)0200 | 3.5 | 6 | 0.200 | 0.87 |
| 10 | D | TR3D106(1)035(3)0135 | 3.5 | 6 | 0.135 | 1.05 |
| 10 | D | TR3D106(1)035(3)0125 | 3.5 | 6 | 0.125 | 1.10 |
| 10 | E | TR3E106(1)035(2)0250 | 3.5 | 6 | 0.250 | 0.81 |
| 10 | E | TR3E106(1)035(2)0200 | 3.5 | 6 | 0.200 | 0.91 |
| 15 | D | TR3D156(1)035(2)0350 | 5.3 | 6 | 0.350 | 0.65 |
| 15 | D | TR3D156(1)035(2)0300 | 5.3 | 6 | 0.300 | 0.71 |
| 15 | D | TR3D156(1)035(2)0260 | 5.3 | 6 | 0.260 | 0.76 |
| 15 | D | TR3D156(1)035(2)0225 | 5.3 | 6 | 0.225 | 0.82 |
| 15 | D | TR3D156(1)035(2)0200 | 5.3 | 6 | 0.200 | 0.87 |
| 15 | D | TR3D156(1)035(2)0150 | 5.3 | 6 | 0.150 | 1.00 |
| 15 | E | TR3E156(1)035(2)0300 | 5.3 | 6 | 0.300 | 0.74 |
| 15 | E | TR3E156(1)035(2)0225 | 5.3 | 6 | 0.225 | 0.86 |
| 15 | E | TR3E156(1)035(2)0200 | 5.3 | 6 | 0.200 | 0.91 |
| 15 | E | TR3E156(1)035(2)0150 | 5.3 | 6 | 0.150 | 1.05 |
| 22 | D | TR3D226(1)035(2)0400 | 7.7 | 6 | 0.400 | 0.61 |
| 22 | D | TR3D226(1)035(2)0300 | 7.7 | 6 | 0.300 | 0.71 |
| 22 | D | TR3D226(1)035(2)0275 | 7.7 | 6 | 0.275 | 0.74 |
| 22 | D | TR3D226(1)035(2)0250 | 7.7 | 6 | 0.250 | 0.77 |
| 22 | D | TR3D226(1)035(2)0200 | 7.7 | 6 | 0.200 | 0.87 |
| 22 | E | TR3E226(1)035(2)0300 | 7.7 | 6 | 0.300 | 0.74 |
| 22 | E | TR3E226(1)035(2)0275 | 7.7 | 6 | 0.275 | 0.77 |
| 22 | E | TR3E226(1)035(2)0260 | 7.7 | 6 | 0.260 | 0.80 |
| 22 | E | TR3E226(1)035(2)0200 | 7.7 | 6 | 0.200 | 0.91 |
| 50 V_{DC} AT + 85 °C, 33 V_{DC} AT + 125 °C | | | | | | |
| 1 | B | TR3B105(1)050(2)4000 | 0.5 | 4 | 4.000 | 0.15 |
| 1 | B | TR3B105(1)050(2)2000 | 0.5 | 4 | 2.000 | 0.21 |
| 1 | C | TR3C105(1)050(2)1600 | 0.5 | 4 | 1.600 | 0.26 |
| 1.5 | B | TR3B155(1)050(2)2000 | 0.8 | 6 | 2.000 | 0.21 |
| 1.5 | C | TR3C155(1)050(2)1500 | 0.8 | 6 | 1.500 | 0.27 |
| 2.2 | B | TR3B225(1)050(2)2000 | 1.1 | 6 | 2.000 | 0.21 |
| 2.2 | C | TR3C225(1)050(2)1500 | 1.1 | 6 | 1.500 | 0.27 |
| 2.2 | D | TR3D225(1)050(2)0800 | 1.1 | 6 | 0.800 | 0.43 |
| 3.3 | C | TR3C335(1)050(2)1500 | 1.7 | 6 | 1.500 | 0.27 |
| 3.3 | D | TR3D335(1)050(2)0800 | 1.7 | 6 | 0.800 | 0.43 |
| 4.7 | C | TR3C475(1)050(2)1000 | 2.4 | 6 | 1.000 | 0.33 |
| 4.7 | C | TR3C475(1)050(2)0700 | 2.4 | 6 | 0.700 | 0.40 |
| 4.7 | C | TR3C475(1)050(2)0500 | 2.4 | 6 | 0.500 | 0.47 |
| 4.7 | D | TR3D475(1)050(2)0700 | 2.4 | 6 | 0.700 | 0.46 |
| 4.7 | D | TR3D475(1)050(2)0600 | 2.4 | 6 | 0.600 | 0.50 |
| 4.7 | D | TR3D475(1)050(2)0500 | 2.4 | 6 | 0.500 | 0.55 |
| 4.7 | D | TR3D475(1)050(2)0300 | 2.4 | 6 | 0.300 | 0.71 |
| 4.7 | E | TR3E475(1)050(2)0600 | 1.9 | 4 | 0.600 | 0.52 |
| 4.7 | E | TR3E475(1)050(2)0300 | 1.9 | 4 | 0.300 | 0.74 |



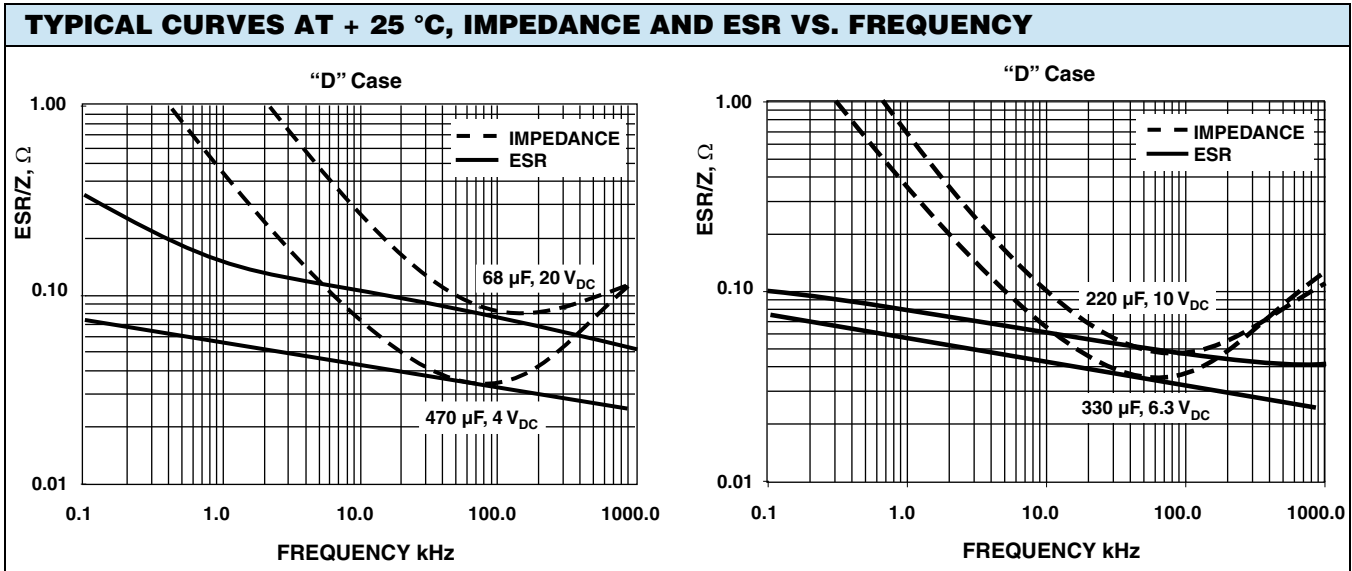
Solid Tantalum Surface Mount Capacitors
TANTAMOUNT[®], Molded Case, Low ESR

Vishay Sprague

| RATINGS AND PART NUMBER REFERENCE | | | | | | |
|---|-----------|----------------------|---------------------------------|-------------------------------|---------------------------------|--|
| CAPACITANCE (μF) | CASE CODE | PART NUMBER | MAX. DC LEAKAGE at + 25 °C (μA) | MAX. DF at + 25 °C 120 Hz (%) | MAX. ESR at + 25 °C 100 kHz (Ω) | MAX. RIPPLE 100 kHz I _{rms} (A) |
| 50 V _{DC} AT + 85 °C, 33 V _{DC} AT + 125 °C | | | | | | |
| 6.8 | D | TR3D685(1)050(2)0700 | 3.4 | 6 | 0.700 | 0.46 |
| 6.8 | D | TR3D685(1)050(2)0600 | 3.4 | 6 | 0.600 | 0.50 |
| 6.8 | D | TR3D685(1)050(2)0500 | 3.4 | 6 | 0.500 | 0.55 |
| 6.8 | D | TR3D685(1)050(2)0300 | 3.4 | 6 | 0.300 | 0.71 |
| 6.8 | E | TR3E685(1)050(2)0550 | 3.4 | 6 | 0.550 | 0.55 |
| 6.8 | E | TR3E685(1)050(2)0500 | 3.4 | 6 | 0.500 | 0.57 |
| 10 | D | TR3D106(1)050(2)0700 | 5.0 | 6 | 0.700 | 0.46 |
| 10 | D | TR3D106(1)050(2)0550 | 5.0 | 6 | 0.550 | 0.52 |
| 10 | D | TR3D106(1)050(2)0450 | 5.0 | 6 | 0.450 | 0.58 |
| 10 | E | TR3E106(1)050(2)0700 | 5.0 | 6 | 0.700 | 0.49 |
| 10 | E | TR3E106(1)050(2)0550 | 5.0 | 6 | 0.550 | 0.55 |
| 10 | E | TR3E106(1)050(2)0500 | 5.0 | 6 | 0.500 | 0.57 |
| 10 | E | TR3E106(1)050(2)0400 | 5.0 | 6 | 0.400 | 0.64 |
| 10 | E | TR3E106(1)050(2)0300 | 5.0 | 6 | 0.300 | 0.74 |
| 15 | E | TR3E156(1)050(2)0400 | 7.5 | 6 | 0.400 | 0.64 |
| 15 | E | TR3E156(1)050(3)0300 | 7.5 | 6 | 0.300 | 0.74 |
| 63 V _{DC} AT + 85 °C, 40 V _{DC} AT + 125 °C | | | | | | |
| 4.7 | D | TR3D475(1)063(2)0700 | 3.0 | 6 | 0.700 | 0.46 |
| 10 | E | TR3E106(1)063(2)0600 | 6.3 | 6 | 0.600 | 0.52 |

Notes

- * Preliminary values. Contact factory for availability
- (1) Capacitance tolerance codes: K, M
- (2) Terminations and packaging codes: C, D, E, F
- (3) Lead (Pb)-free terminations and packaging codes: C, D





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