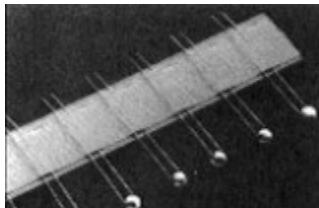




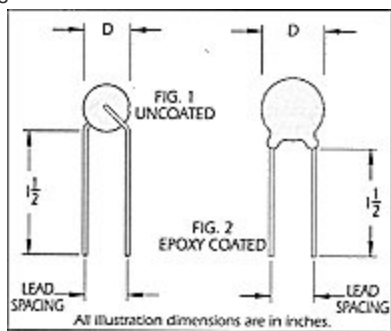
Disc Thermistors



Honeywell Disc Thermistors are ideally suited for low cost applications with a maximum temperature of 150 °C. They lend themselves to be PC board mounted. Other lead styles available on request.

Features

- PC board mountable
- Low cost
- Rugged design
- Solderable leads
- Versatile
- Available on tape or reel
- 2,54 mm to 10,16 mm [0.1 inch to 0.4 inch] diameter
- Res values from 100 Ohms to 100K Ohms
- Tinned copper leads



→ Disc Thermistors (* 10% Tolerance @25 °C)

| Resistance (Ohms) | R-T Curve | Part Number | D.C. Fig. | T.C. (min) | (max) | Lead Dia. | Lead Spacing | D |
|-------------------|-----------|-------------------|-----------|------------|-------|-----------|--------------|-----|
| 500 | 10 | 140-501FAG-RB1(D) | 1 | 3 | 10 | .016 | .1 | .1 |
| 500 | 10 | 142-501FAG-RB1 | 2 | 3 | 10 | .016 | .1 | .15 |
| 1,000 | 10 | 140-102FAG-RB1(D) | 1 | 4 | 10 | .016 | .1 | .1 |
| 1,000 | 10 | 142-102FAG-RB1 | 2 | 4 | 10 | .016 | .1 | .15 |
| 3,000 | 16 | 140-302LAG-RB1(D) | 1 | 3 | 10 | .016 | .1 | .1 |
| 3,000 | 16 | 142-302LAG-RB1 | 2 | 3 | 10 | .016 | .1 | .15 |
| 5,000 | 16 | 140-502LAG-RB1(D) | 1 | 4 | 10 | .016 | .1 | .1 |
| 5,000 | 16 | 142-502LAG-RB1 | 2 | 4 | 10 | .016 | .1 | .15 |
| 10,000 | 16 | 140-103LAG-RB1(D) | 1 | 4 | 10 | .016 | .1 | .1 |

| | | | | | | | | |
|---------|----|-------------------|---|---|----|------|----|-----|
| 10,000 | 16 | 142-103LAG-RB1 | 2 | 4 | 10 | .016 | .1 | .15 |
| 50,000 | 1 | 140-503QAG-RB1(D) | 1 | 3 | 10 | .016 | .1 | .1 |
| 50,000 | 1 | 142-503QAG-RB1 | 2 | 3 | 10 | .016 | .1 | .15 |
| 100,000 | 1 | 140-104QAG-RB1(D) | 1 | 3 | 10 | .016 | .1 | .1 |
| 100,000 | 1 | 142-104QAG-RB1 | 2 | 3 | 10 | .016 | .1 | .15 |
| 100 | 10 | 143-101FAG-RC1(D) | 1 | 4 | 16 | .020 | .2 | .2 |
| 100 | 10 | 145-101FAG-RC1 | 2 | 4 | 16 | .020 | .2 | .25 |
| 200 | 10 | 143-201FAG-RC1(D) | 1 | 5 | 18 | .020 | .2 | .2 |
| 200 | 10 | 145-201FAG-RC1 | 2 | 5 | 18 | .020 | .2 | .25 |
| 300 | 10 | 143-301FAG-RC1(D) | 1 | 6 | 20 | .020 | .2 | .2 |
| 300 | 10 | 145-301FAG-RC1 | 2 | 6 | 20 | .020 | .2 | .25 |
| 500 | 10 | 143-501FAG-RC1(D) | 1 | 6 | 25 | .020 | .2 | .2 |
| 500 | 10 | 145-501FAG-RC1 | 2 | 6 | 25 | .020 | .2 | .25 |
| 1,000 | 16 | 143-102LAG-RC1(D) | 1 | 6 | 20 | .020 | .2 | .2 |
| 1,000 | 16 | 145-102LAG-RC1 | 2 | 6 | 20 | .020 | .2 | .25 |
| 3,000 | 16 | 143-302LAG-RC1(D) | 1 | 6 | 22 | .020 | .2 | .2 |
| 3,000 | 16 | 145-302LAG-RC1 | 2 | 6 | 22 | .020 | .2 | .25 |
| 5,000 | 16 | 143-502LAG-RC1(D) | 1 | 7 | 35 | .020 | .2 | .2 |
| 5,000 | 16 | 145-502LAG-RC1 | 2 | 7 | 35 | .020 | .2 | .25 |
| 10,000 | 1 | 143-103QAG-RC1(D) | 1 | 4 | 20 | .020 | .2 | .2 |
| 10,000 | 1 | 145-103QAG-RC1 | 2 | 4 | 20 | .020 | .2 | .25 |
| 30,000 | 1 | 143-303QAG-RC1(D) | 1 | 6 | 25 | .020 | .2 | .2 |
| 30,000 | 1 | 145-303QAG-RC1 | 2 | 7 | 28 | .020 | .2 | .25 |
| 50,000 | 1 | 143-503QAG- | 1 | 7 | 30 | .020 | .2 | .2 |

| | | | | | | | | |
|--------|---|----------------------------------|---|---|----|------|----|-----|
| 50,000 | 1 | RC1(D) 145- 503QAG- RC1 | 2 | 8 | 32 | .020 | .2 | .25 |
|--------|---|----------------------------------|---|---|----|------|----|-----|

| Resistance (Ohms) | R-T Curve | Part Number | Fig. | D.C. (min) | T.C. (max) | Lead Dia. | Lead Spacing | D |
|----------------------|--------------|----------------|------|---------------|---------------|--------------|-----------------|---|
|----------------------|--------------|----------------|------|---------------|---------------|--------------|-----------------|---|

* Also offered in 1%, 2%, 5% and 20% tolerances.
(D) = Distributor item.