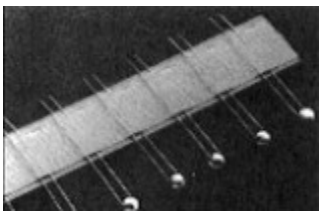
Honeywell

Honeywell Sensing and Control

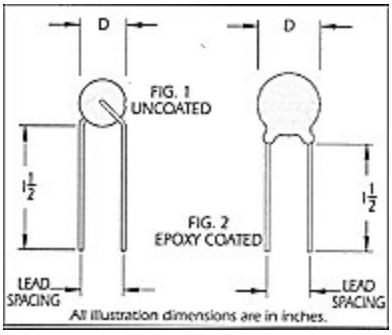
Disc Thermistors



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	Fig.	D.C. (min)	T.C. (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

		RC1(D)						
50,000	1	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.