Distributed By: B. J. Wolfe Enterprises, Inc
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44000 Series Thermistor Components

100 to 1 Meg Ohm Resistance @ 25°C
Thermally Conductive Epoxy Coating
Interchangeability
Pressed Key Characteristic
High sensitivity
RoHS Compliant

44000 SERIES THERMISTORS

Epoxy Encapsulated Precision Interchangeable NTC Thermistors utilizing high stability pressed-disk ceramic sensor for general applications.

FEATURES

- 100 Ohm Resistance @ 25°C
- Interchangeable ±0.1°C or ±0.2°C, 0°C to 70°C
- Good Long Term Stability
- High Sensitivity
- Thermally Conductive Epoxy Coating
- RoHS Compliance
- 32 AWG, 3" (7.6 cm) Silver Plated 0.095" (2.4 mm)

APPLICATIONS

- Tight Tolerance Instrumentation
- General Applications Requiring Stability
- Applications Requiring Sensing Small Changes in Temperature
- Non-condensing Moisture Environments
- Allows use in Applications World-wide

stability

MEAS thermistors are chemically stable and are not significantly affected by aging or exposure to strong nuclear radiation. The table below shows typical stability for a representative thermistor, the MEAS 44005.

Typical Thermometric Drift

Operating Temperature	10 months	100 months
0°C	< 0.01°C	< 0.01°C
25°C	< 0.01°C	< 0.02°C
100°C	0.20°C	0.32°C
150°C	1.5°C	Not recommended

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product definition

	Part Number	Zero Power Resistance ohm at 25°C	Beta 0- 50°C (K)	Ratio ohm 25/125°C	Maximum working temperature	Best storage and working temperature
±0.2°C Interchange-ability Tolerance 0 – 70°C	44001A	100	2854	11.49	100°C	-80 + 50°C
	44002A	300	3118	15.15	100°C	-80 + 50°C
	44003A	1000	3271	17.33	100°C	-80 + 50°C
	44004	2252	3891	29.26	150°C	-80 + 120°C
	44005	3000	3891	29.26	150°C	-80 + 120°C
	44007	5000	3891	29.26	150°C	-80 + 120°C
	44006	10K	3574	23.51	150°C	-80 + 120°C
	44008	30K	3810	29.15	150°C	-80 + 120°C
	44011	100K	3988	34.82	150°C	-80 + 120°C
	44014	300K	4276	46.02	150°C	-80 + 120°C
	44015	1 meg	4582	61.96	150°C	-80 + 50°C
±0.1°C Interchange-ability Tolerance 0 – 70°C	44035	1000	3271	17.33	100°C	-80 + 75°C
	44033	2252	3891	29.26	150°C	-80 + 75°C
	44030	3000	3891	29.26	150°C	-80 + 75°C
	44034	5000	3891	29.26	150°C	-80 + 75°C
	44037	6K	3891	29.26	150°C	-80 + 75°C
	44036	10K	3891	29.26	150°C	-80 + 75°C
	44031	10K	3574	23.51	150°C	-80 + 75°C
	44032	30K	3810	29.15	150°C	-80 + 75°C

ordering info

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