



Stability

Typical Thermometric Drift, after continuous exposure at listed operating temperatures.

Operating Temperature	10 months	100 months
25°C	< 0.01°C	< 0.01°C
70°C	< 0.01°C	< 0.01°C
100°C	0.02°C	0.03°C
150°C	0.05°C	0.08°C
200°C	0.22°C	0.60°C

46000 SERIES THERMISTOR COMPONENTS

SPECIFICATIONS

- Glass Hermetic Seal
- 2252 Ohm to 30K Ohm Resistance @ 25°C
- 0.125" (3.2 mm) Maximum Diameter
- Interchangeability to $\pm 0.05^\circ\text{C}$
- Excellent High Temperature Performance
- Excellent Long-Term Stability
- RoHS Compliance

46000 SERIES THERMISTORS

Hermetically Sealed Glass Encapsulated Precision Interchangeable NTC Thermistor utilizing high stability pressed-disk ceramic sensor for high temperature and high stability applications

FEATURES

- Glass Hermetic Seal
- 2252 Ohm to 30K Ohm Resistance @ 25°C
- Interchangeability to $\pm 0.05^\circ\text{C}$
- Excellent High Temperature Performance
- Drift Certified Unmatched Long-Term Stability
- High Sensitivity
- RoHS Compliance

APPLICATIONS

- High Moisture Applications
- Low to Mid-Range Temperature Applications
- Tight Tolerance Instrumentation
- Use up to 250°C
- Applications Requiring Outstanding Stability and/or Requiring Sensing Small Changes in Temperature
- Allows use in Applications World-wide

PRODUCT DEFINITION

	Part Number	Zero Power Resistance Ohm at 25°C	Beta 0- 50°C (K)	Ratio Ohm 25/125°C	Maximum Working Temperature
±0.2°C Interchangeability Tolerance 0°C – 70°C	46004	2252	3891	29.26	200°C
	46005	3000	3891	29.26	200°C
	46007	5000	3891	29.26	200°C
	46017	6000	3891	29.26	200°C
	46016	10K	3891	29.26	200°C
	46006	10K	3574	23.51	200°C
	46008	30K	3810	29.15	200°C
±0.1°C Interchangeability Tolerance 0°C – 70°C	46033	2252	3891	29.26	200°C
	46030	3000	3891	29.26	200°C
	46034	5000	3891	29.26	200°C
	46037	6000	3891	29.26	200°C
	46036	10K	3891	29.26	200°C
	46031	10K	3574	23.51	200°C
	46032	30K	3810	29.15	200°C

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