

46000 Series Thermistor Components

Glass Hermetic Seal
 2252 Ohm to 30K Ohm Resistance
 @ 25°C
 0.095" (2.4 mm) Maximum
 Diameter
 Interchangeability to $\pm 0.5^\circ\text{C}$
 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

stability

Typical Thermometric Drift

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

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 Interchange- ability Tolerance 0 – 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 Interchange- ability Tolerance 0 – 70°C	46033	2252	3891	29.26
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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