



46000 SERIES

Thermistor Components

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

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

Features

- Glass Hermetic Seal
- 2252 Ohm to 30K Ohm Resistance @ 25°C
- 0.095" (2.4 mm) Maximum Diameter
- Interchangeability up to $\pm 0.1^{\circ}\text{C}$ from 0°C to 70°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
- Exposure up to 200°C
- Applications Requiring Outstanding Stability and/or Requiring Sensing Small Changes in Temperature
- Allows use in Applications World-wide

Performance Specifications

	Model Number	Ordering 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	069154	2252	3891	29.26	200°C
	46005	065437	3000	3891	29.26	200°C
	46007	065439	5000	3891	29.26	200°C
	46017	091688	6000	3891	29.26	200°C
	46016	091687	10K	3891	29.26	200°C
	46006	065438	10K	3574	23.51	200°C
	46008	091162	30K	3810	29.15	200°C
±0.1°C Interchange - ability Tolerance 0 – 70°C	46033	069158	2252	3891	29.26	200°C
	46030	065440	3000	3891	29.26	200°C
	46034	065442	5000	3891	29.26	200°C
	46037	091690	6000	3891	29.26	200°C
	46036	091689	10K	3891	29.26	200°C
	46031	065441	10K	3574	23.51	200°C
	46032	091163	30K	3810	29.15	200°C

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