



## MODEL 55000

### Precision Glass NTC Thermistor

- Glass Hermetic Seal
- 2252 to 30K ohm Resistance @ 25°C
- 0.095" (2.4 mm) Maximum Diameter
- Interchangeable  $\pm 0.2^{\circ}\text{C}$ ,  $0^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Excellent High Temperature Performance
- Excellent Long Term Stability
- RoHS Compliance

### FEATURES

- Glass Hermetic Seal
- 2252 to 30K Ohm Resistance @ 25°C
- 0.095" (2.4 mm) Maximum Diameter
- Interchangeability to  $\pm 0.1^{\circ}\text{C}$
- Excellent High Temperature Performance
- Excellent Long Term Stability
- RoHS Compliance

### APPLICATIONS

- High Moisture Applications
- Low to Mid Range Temperature Applications
- Drop in Replacement for 44000 Series Epoxy
- Tight Tolerance Instrumentation
- Use up to  $200^{\circ}\text{C}$
- Applications Requiring Improved Stability
- Allows use in Applications World-wide

## MODEL 55004

Precision Glass NTC Thermistor

### PERFORMANCE SPECS

	Model Number	Zero Power Resistance Ohm at 25°C	Beta 0-50°C (K)	Ratio Ohm 25/125°C	Short Term Temperature	Best Working Temperature
<b>±0.2°C Interchangeability Tolerance 0-70°C</b>	55004	2252	3891	29.26	250°C	-80-+200°C
	55005	3000	3891	29.26	250°C	-80-+200°C
	55007	5000	3891	29.26	250°C	-80-+200°C
	55017	6000	3891	29.26	250°C	-80-+200°C
	55016	10K	3891	29.26	250°C	-80-+200°C
<b>±0.1°C Interchangeability Tolerance 0-70°C</b>	55006	10K	3574	23.51	200°C	-80-+150°C
	55008	30K	3810	29.15	200°C	-80-+150°C
	55033	2252	3891	29.26	250°C	-80-+125°C
	55030	3000	3891	29.26	250°C	-80-+125°C
	55034	5000	3891	29.26	250°C	-80-+125°C
	55037	6000	3891	29.26	250°C	-80-+125°C
	55036	10K	3891	29.26	250°C	-80-+125°C
	55031	10K	3574	23.51	200°C	-80-+100°C
	55032	30K	3810	29.15	200°C	-80-+100°C

### ORDERING INFORMATION

#### NORTH AMERICA

Measurement Specialties, Inc.,  
a TE Connectivity Company  
Tel: 800-522-6752  
[customercare.ando@te.com](mailto:customercare.ando@te.com)

#### EUROPE

Measurement Specialties (Europe), Ltd.,  
a TE Connectivity Company  
Tel: 800-440-5100  
[customercare.tlse@te.com](mailto:customercare.tlse@te.com)

#### ASIA

Measurement Specialties (China), Ltd.,  
a TE Connectivity Company  
Tel: 0400-820-6015  
[customercare.chdu@te.com](mailto:customercare.chdu@te.com)

#### [te.com/sensorsolutions](http://te.com/sensorsolutions)

Measurement Specialties, Inc., a TE Connectivity company.

Measurement Specialties (MEAS), American Sensor Technologies (AST), TE Connectivity, TE Connectivity (logo) and EVERY CONNECTION COUNTS are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2016 TE Connectivity Ltd. family of companies All Rights Reserved.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[11031854-00](#)