

45000 Series Thermistor Components

Glass Hermetic Seal

2252 Ohm to 30K Ohm Resistance @ 25°C

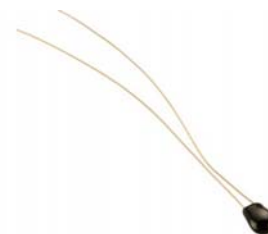
Interchangeability to $\pm 0.2^\circ\text{C}$

Excellent High Temperature Performance

Superior Long Term Stability

High Sensitivity

RoHS Compliant



45000 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
- Excellent High Temperature Performance
- Superior Long Term Stability
- High Sensitivity

APPLICATIONS

- High Moisture Applications
- Low to Mid Range Temperature Applications
- Tight Tolerance Instrumentation
- Use up to 250°C
- Applications Requiring Excellent Stability
- Applications Requiring Sensing Small Changes in Temperature
- Non-condensing Moisture Environments
- Allows Use in Applications World-wide

thermistor failure mode

Moisture is the common cause of failure. Water reacts with internal electrode material resulting in a downward shift in resistance. MEAS 45000, 46000, and 55000 Series glass coated thermistors virtually eliminate this type of failure. Customer-induced failures, resulting from mishandling during leads splicing or potting can be eliminated by allowing MEAS to perform your assembly work. Contact us directly for more information.

45000 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	45004	2252	3891	29.26	200°C
	45005	3000	3891	29.26	200°C
	45007	5000	3891	29.26	250°C
	45017	6K	3891	29.26	250°C
	45016	10K	3891	29.26	250°C
	45006	10K	3574	23.51	250°C
	45008	30K	3810	29.15	250°C

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ordering info

NORTH AMERICA

Measurement Specialties, Inc.
910 Turnpike Road
Shrewsbury, MA 01545
Tel: 1-508-842-0516
Fax: 1-508-842-0342

Sales email:
temperature.sales.amer@meas-spec.com

EUROPE

Measurement Specialties, Inc.
Ballybrit Business Park
Galway Ireland
Tel: +353-91-753238
Fax: +353-91-770789

Sales email:
temperature.sales.emea@meas-spec.com

ASIA

Measurement Specialties (China) Ltd.
Block 5A, Tian Fa Building
Tian An Cyber Park
Futian District, Shenzhen
518048 China
Tel: +86 (0) 755 833 01004
Fax: +86 (0) 755 833 06797

Sales email:
temperature.sales.asia@meas-spec.com