



Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors > Precision Glass Thermistors - 55000



NTC Sensor Type: **Glass Encapsulated NTC Thermistor**

Lead Wire Length: **65 mm [ 2.559 in ]**

Resistance (at 25°C): **30 kΩ**

$\beta$ -Value(25/85): **3943 K**

Tolerance  $\beta$ -Value: **±0.8 %**

[All Precision Glass Thermistors - 55000 \(14\)](#)

## Features

### Product Type Features

NTC Sensor Type	Glass Encapsulated NTC Thermistor
Tolerance $\beta$ -Value	±0.8 %

### Electrical Characteristics

$\beta$ -Value(25/85)	3943 K
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### Dimensions

Lead Wire Length	65 mm[2.559 in]
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### Usage Conditions

Resistance (at 25°C)	30 kΩ
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
Operating Temperature (Max)	150 °C[302 °F]

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)

Candidate List Declared Against: JAN 2025 (247)

SVHC > Threshold:

Pb (4% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not reviewed for solder process capability

**Product Compliance Disclaimer**

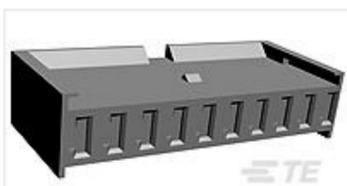
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

**Also in the Series | MEAS 55000**



NTC Thermistors(14)

**Customers Also Bought**



TE Part #280594  
AMP MODU MOD I RECEPT HSG



TE Part #3-641126-8  
08P MTA100 HDR ASY FL/STR LF



TE Part #3-641208-9  
09P MTA156 HDR ASSY FL ST LF



TE Part #1-770166-1  
02P MINI UMNL ASSY VO SNAU LF



## Documents

### Datasheets & Catalog Pages

[Model 55000 Series Datasheet](#)

English

[Model 55008 Datasheet](#)

English