



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**

β-Value(25/85): **3943 K**

Tolerance β-Value: **±0.8 %**

[All Precision Glass Thermistors - 55000 \(19\)](#)

Features

Product Type Features

NTC Sensor Type	Glass Encapsulated NTC Thermistor
Tolerance β-Value	±0.8 %

Electrical Characteristics

β-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	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025
(247)
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, I < 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>

Compatible Parts



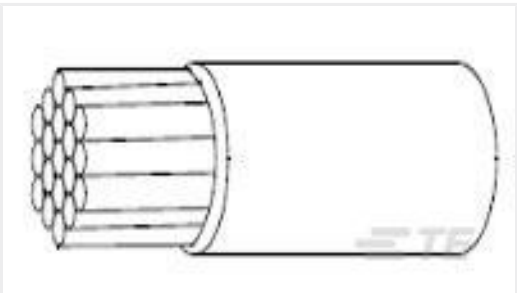
TE Part # CAT-NTC0070
Precision Glass Thermistors - 55000

Also in the Series | MEAS 55000



NTC Thermistors(19)

Customers Also Bought



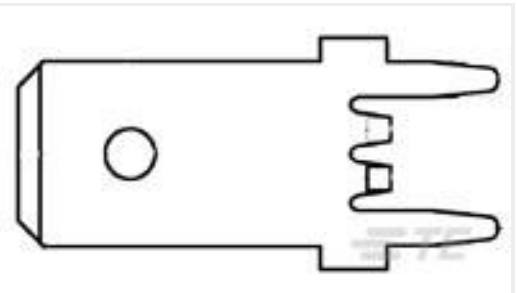
TE Part #236891-000
22759/44-22-0



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



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



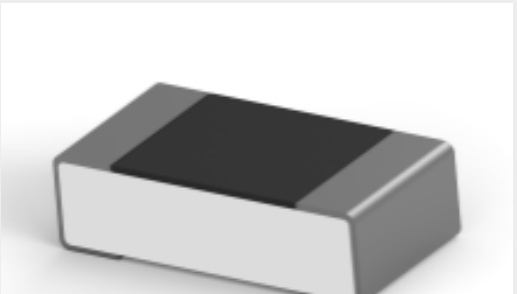
TE Part #1217169-1
250 FASTON,PCB TAB,TCBR



TE Part #532956-1
12 MODII 2PC CE RCPT ASSY



TE Part #236709-000
55A6418-24-MST3-9CS2275



TE Part #2176368-1
RQ 0603 49K9 0.1% 10PPM 1K RL



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



TE Part #2-1879135-4
RN 0603 182K 0.1% 10PPM 1K RL



TE Part #5747845-3
15 MSFL RCPT RA 318 (IN,FM,BL)

Documents

Datasheets & Catalog Pages

Model 55000 Series Datasheet

English

Model 55008 Datasheet

English