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

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

Resistance (at 25°C): **5 kΩ**

β-Value(25/85): **3978 K**

Tolerance β-Value: **±0.8 %**

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

Features

Product Type Features

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

Electrical Characteristics

β-Value(25/85)	3978 K
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Dimensions

Lead Wire Length	65 mm[2.559 in]
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Usage Conditions

Resistance (at 25°C)	5 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) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 #104257-3
04 MTE RCPT HSG SR LATCH .100

TE Part #640715-1
06P UMNL STR/REL

TE Part #745253-6
20 DF SOCKET CONT L.P.

TE Part #745254-6
20 DF PIN CONT L.P.



TE Part #1658643-1
HDP-20,RCPT,SIZE 1, 9 POSN,CLI

TE Part #5-2176380-7
RQ 0805 4K42 0.1% 10PPM 5K RL

TE Part #6-2176380-0
RQ 0805 4K75 0.1% 10PPM 5K RL

TE Part #2301826-2
AMPL PLUG HD20, VERT, 9P, B/L, 4-40 S/LOC

TE Part #5750678-1
09 RCPT SP/FMS (RET SL)

TE Part #103946-2
5X3 MTE SHRD PIN SR POL .100CL

Documents

[Model 55000 Series Datasheet](#)

English

[Model 55007 Datasheet](#)

English