



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors > Model 55000 Series



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

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

Resistance (at 25°C): **10 kΩ**

β-Value(25/85): **3943 K**

Tolerance β-Value: **±0.8 %**

[All Model 55000 Series \(21\)](#)

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)	10 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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024  
(241)  
Candidate List Declared Against: JAN 2022  
(223)  
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>

Compatible Parts



TE Part # CAT-NTC0070  
Model 55000 Series

Also in the Series | MEAS 55000

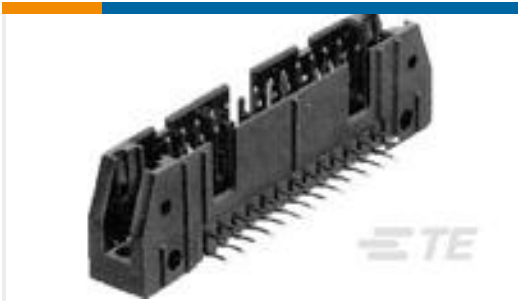


NTC Thermistors(21)

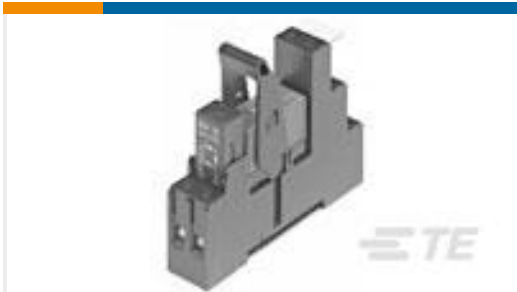
Customers Also Bought



TE Part #3-641215-6  
06P MTA100 HDR ASSY FL/ST 30AU



TE Part #5102160-8  
A/L UNIV HDR 34P RA



TE Part #1-1415073-1  
RT4S4LC4



TE Part #2-1445093-2  
MICRO MNL HDR ASSY S/ROW AU LF



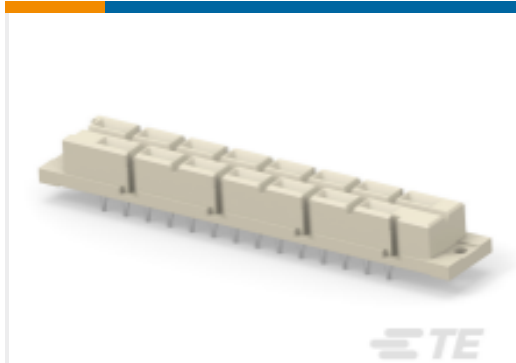
TE Part #6-1437719-5  
T01-0570-P05-MALE REC PANEL-PCB STRAIGHT



TE Part #4-2176330-6  
CRGP 2010 56K 1%



TE Part #NB13264001  
RNF-100-3/4-BK-FSP



TE Part #594752-E  
STVH15 15 F ZD W 2 EE25 4,2 \* 197 E 172

Documents

Datasheets & Catalog Pages

Model 55000 Series Datasheet

English

Model 55016 Datasheet

English