



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): **5 kΩ**

β-Value(25/85): **3978 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)	3978 K
----------------	--------

Dimensions

Lead Wire Length	65 mm[2.559 in]
------------------	-----------------

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	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)
Candidate List Declared Against: JUNE 2023 (235)
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 #1-1614782-2
BDS 2 A 100 33R 10%

TE Part #52197-1
TERM, RING, SOLIS, 6, #10, T&R

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 #7-2176380-4
RQ 0805 6K65 0.1% 10PPM 5K RL

TE Part #11026436-00
55016 GEM THERM

TE Part #089785-000
D-106-6018

TE Part #625256-000
D-110-0062

TE Part #SP19327-5
19327-44007 THERM W/OMEGA LBL

Documents

Datasheets & Catalog Pages

Model 55000 Series Datasheet

English

Model 55007 Datasheet

English