



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 \(19\)](#)

Features

Product Type Features

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

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]

Electrical Characteristics

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

Other

EU RoHS Compliance	Compliant with Exemptions
--------------------	---------------------------

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



Also in the Series | MEAS 55000



Customers Also Bought



TE Part #5787683-1  
15 RCPT SP/FMS SCRLK



TE Part #1658654-1  
KIT,HDP-20,ENCLSUR,RCPT,SIZE 1



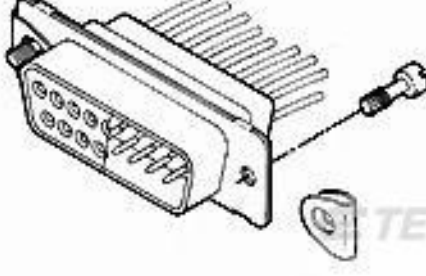
TE Part #5787685-1  
37 RCPT SP/FMS (RET SL)



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



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



TE Part #5205980-4  
SCREW RETAINER KIT



TE Part #350826-4  
04P UMNL HDR ASSY PC 94VO LF



TE Part #350827-4  
06P UMNL HDR ASSY PC 94VO LF



TE Part #1470106-1  
2.0mm Pitch Crimp Contact



TE Part #66262-4  
MALE CONTACT ASSY. (L.P.)

Documents

Datasheets & Catalog Pages

Model 55000 Series Datasheet

English

Model 55007 Datasheet

English