



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



Discrete NTC Sensor Type: **Glass Encapsulated NTC Thermistor**
Wire Connection: **Open End**
Discrete NTC Wire Length: **65 mm**
Resistance (at 25°C): **2.252 kΩ**
Beta 25/85 Value: **3978 K**
[All Model 55000 Series \(28\)](#)

Features

Product Type Features

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

Signal Characteristics

Beta 25/85 Value	3978 K
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Body Features

Wire Connection	Open End
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Dimensions

Discrete NTC Wire Length	65 mm
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Usage Conditions

Resistance (at 25°C)	2.252 kΩ
Discrete NTC Ambient Temperature Range	-55 – 150 °C
Temperature Accuracy	± .2 from 0 – 70 °C
Maximum Temperature	150 °C[302 °F]

Operation/Application

Wire/Cladding Connection	32 AWG (.2mm) Gold Plated Dumet wire
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Packaging Features



Discrete NTC Package	Glass Radial Discrete
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Customers Also Bought



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



TE Part #282080-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
DEUTSCH DT Series Housings &
Connectors



TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Datasheets & Catalog Pages

Model 55000 Series Datasheet

English

Model 55004 Datasheet

English