



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors > 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): **10 kΩ**

Beta 25/85 Value: **3943 K**

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

Features

Product Type Features

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

Signal Characteristics

Beta 25/85 Value	3943 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)	10 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	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 2023 (235) 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>

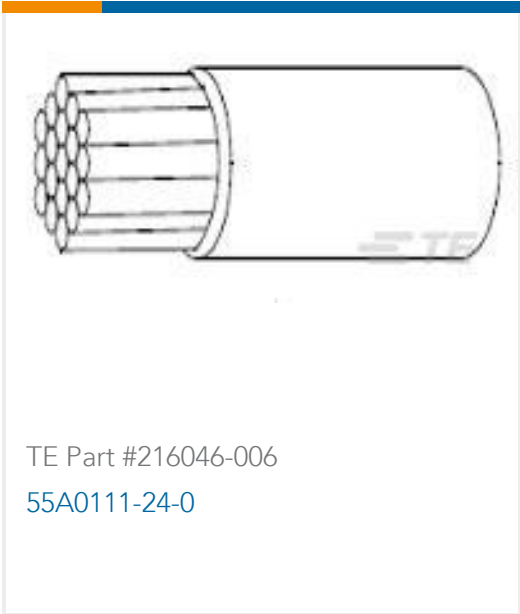
Compatible Parts



Also in the Series | MEAS 55000



Customers Also Bought



Documents

Datasheets & Catalog Pages

Model 55000 Series Datasheet

English

Model 55016 Datasheet

English