

MEAS

TE Internal #: 11032562-00

TE Internal Description: 44004RC,THERM,ROHS

Model 44000 Series

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Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > Discrete NTC > Model 44000 Series

Discrete NTC Sensor Type: **Epoxy Coated NTC Thermistor**Discrete NTC Package: **Epoxy Radial Discrete**Discrete NTC Wire Length: **76 mm**Wire Connection: **Open End**Resistance (at Tref): **10 kΩ**[All Model 44000 Series \(36\)](#)

Features

Product Type Features

Discrete NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance β -Value	$\pm 0.8\%$

Signal Characteristics

25/85 Beta Value	3978 K
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Body Features

Wire Connection	Open End
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Dimensions

Discrete NTC Wire Length	76 mm
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Usage Conditions

Resistance (at Tref)	10 kΩ
Discrete NTC Ambient Temperature Range	-40 – 150 °C
T_ref for Resistance	25 °C
Temperature Accuracy	$\pm .2$ from 0 – 70 °C, $\pm .2$ from 0 – 70 °C
Maximum Temperature	150 °C[302 °F]

Packaging Features

Discrete NTC Package	Epoxy 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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUN 2020 (209)</p> <p>Candidate List Declared Against: JUN 2018 (191)</p> <p>Pb (.4% in DISC)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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 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 Model / Part # CAT-TRA0001
PIEZOELECTRIC TRAFFIC SENSOR



TE Model / Part # CAT-NTC0067
Model 44000 Series

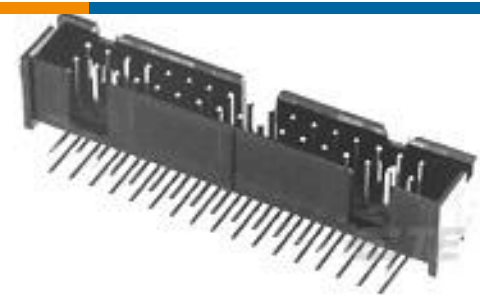
Customers Also Bought



TE Model / Part #2-104482-0
52 SHORT PT RCPT HSG DR .100CL



TE Model / Part #745412-7
25 PLUG SP/MS STD



TE Model / Part #1-103311-0
050 LOPRO HDR RA 30DP



TE Model / Part #YDTS24F17-
26SNV001
RECP ASSY



TE Model / Part #1-103638-9
20 MTE HDR SRST LATCH .100CL



TE Model / Part #1-146135-4
30 MODII HDR DRST SFMNT B/A



TE Model / Part #147118-1
03 MODII HDR SR SFMNT B/A .100



TE Model / Part #YDTS26G17-
26ANV001
PLUG ASSY



TE Model / Part #YDTS26G23-
53BNV001
PLUG ASSY

Documents

Datasheets & Catalog Pages

[Model 44004 Datasheet](#)

English

[TESS-ANDO-408-000050](#)

English

[Model 44000 Series Datasheet](#)

English