



Sensors > Temperature Sensors > Thermocouple Sensors



Thermocouple Type: T
Sensor Package: Isolated Stainless Steel Probe with Copper Tip

Features

Product Type Features

Wire/Cladding Type	PTFE Insulated
Thermocouple Type	T
Sensor Package	Isolated Stainless Steel Probe with Copper Tip

Mechanical Attachment

Wire Length	254 mm[10 in]
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Dimensions

Product Diameter	4.77 mm[.188 in]
Product Length	914.4 mm[36 in]

Usage Conditions

Error Limits/T-Accuracy	Standard Limits / +- 1 °C
Operating Temperature Range	-100 – 250 °C[-148 – 482 °F]

Other

Junction Grounding	Ungrounded
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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	Compliant
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: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
SVHC > Threshold:
EGDME (75% in Component Part)
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.

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 Part # R-8580-360
[RTD,BRG,SS,P100,385,.12%,.188D](#)

Also in the Series | [MEAS 410](#)



[Thermocouple Sensors\(2\)](#)

Customers Also Bought



TE Part #6-104317-1
32 MODII HDR DRST SHRD .100CL

TE Part #8-2176390-5
RQ 1206 8K66 0.1% 10PPM 5K RL

TE Part #9-1625892-5
3W SM M/OX 2% 6R8

TE Part #2176390-6
RQ 1206 1K3 0.1% 10PPM 5K RL

TE Part #2273012-4
M8 x 1.0 Angled socket Pigtail LED

TE Part #2-1423675-0
W57-XB2A99C10-5=CKTBKR,THERM,P

TE Part #7-1437651-8
6PCR-04-007=6PCR ASSEMBLY

TE Part #T4161110005-005
RPC-M12-MS-5CON-PVC-5.0SH

TE Part #1-103916-6
80 SYSTEM 50 HDR DRST UNSHRD

TE Part #2176379-5
RQ 0805 118R 0.1% 10PPM 5K RL

Documents

Datasheets & Catalog Pages

Tip-Sensitive-Bearing-Thermocouple-Probe-410

English

TESS-ANDO-408-0000037

English