



Sensors > Temperature Sensors > NTC Sensors > NTC Probes



NTC Probe Type: **Air/Gas**
Electrical Connection: **Open End**
Resistance (at 25°C): **22 kΩ**
 β -Value(25/85): **3499 K**
Accuracy (at T_ref): **± 4.2 @ 37 °C**

Features

Product Type Features

Wire/Cladding Type	40 AWG, Solid Nickel, Brown High-Temperature Wire and Cable
NTC Probe Type	Air/Gas
Sensor Package	Miniature Glass Radial

Configuration Features

Electrical Connection	Open End
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Electrical Characteristics

β -Value(25/85)	3499 K
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Mechanical Attachment

Wire Length	1830 mm[72 in]
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Usage Conditions

T_ref for Resistance	25 °C[77 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Resistance (at 25°C)	22 kΩ
Accuracy (at T_ref)	± 4.2 @ 37 °C
Tolerance Resistance	±15 %

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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>

Also in the Series | MEAS MCD



NTC Probes(1)

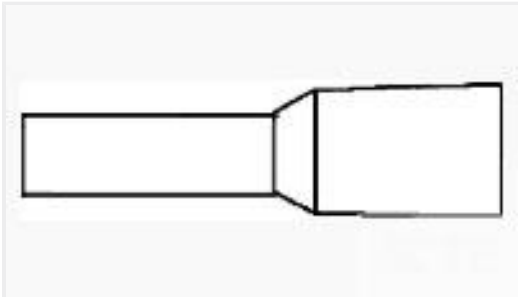


NTC Thermistors(3)

Customers Also Bought



TE Part #CAT-NTC0071
Super Stable Glass Thermistors - 46000



TE Part #1-966067-2
FER,WIRE,PL SLV,1.50/16,L8,BLACK,LP



TE Part #102241-1
03 MODIV HSG COMP SR .100 POL

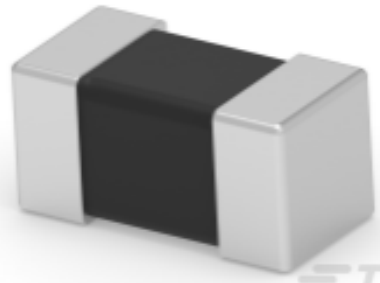


TE Part #3-640442-5
05P MTA100 CONN ASSY BLU





TE Part #1768020-3
ESSW19-074



TE Part #1-2176746-9
BMC-Q 0402 600R 25% Tol. UH Current



TE Part #294722-E
STVQ/2 32 FI AB VV 7-03 TL * * 247 E 172



TE Part #GA100K6MCD1
MCD PROBE, 100K OHMS,+/- 0.2C @ 25C



TE Part #87499-3
02 MODIV HSG SR MRKD .100CL

Documents

Datasheets & Catalog Pages

G22K7MCD419

English