



Sensors > Temperature Sensors > RTD Sensors > RTD Sensor Elements



RTD Element Type: **Platinum Glass Wire Wound Element**

Tolerance Class: **Class A / W0.15**

Element Type: **Glass**

Element Material: **Platinum**

Lead Wire Style: **Ni/Pt**

Features

Product Type Features

Wire/Cladding Type	Ni/Pt
RTD Element Type	Platinum Glass Wire Wound Element
Element Type	Glass
Element Material	Platinum
Lead Wire Style	Ni/Pt

Configuration Features

Electrical Connection	Open Ends
-----------------------	-----------

Mechanical Attachment

Wire Length	10 mm[.393 in]
-------------	----------------

Dimensions

Body Length	5 mm[.197 in]
Body Diameter	1.8 mm[.07 in]
Wire Diameter	.2 mm[.007 in]

Usage Conditions

T1 and T2 for TCR	0 and +100 °C
Operating Temperature Range	-100 – 250 °C[-148 – 482 °F]
Accuracy (at T_ref)	± .15 °C
TCR at (T1 and T2)	3850 ppm/°C



Operating Temperature (Max)	250 °C[482 °F]
-----------------------------	----------------

Other

Wire Count	2
Tolerance Class	Class A / W0.15

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

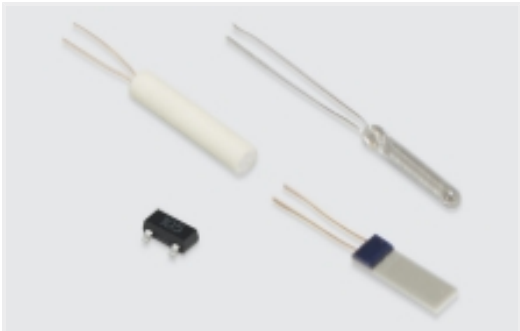
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 GX

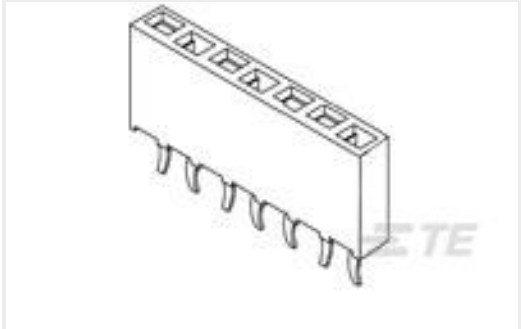


RTD Sensor Elements(6)

Customers Also Bought



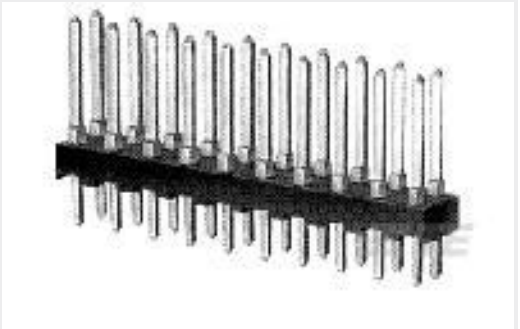
TE Part #1-1776249-1
JC6-P108-02-161=JC6-ASSY



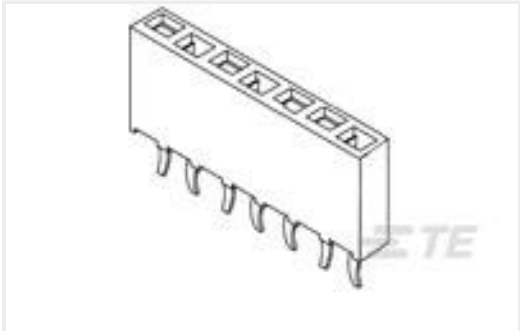
TE Part #215299-6
6P HV100 REC CON. TE, 8.5MM



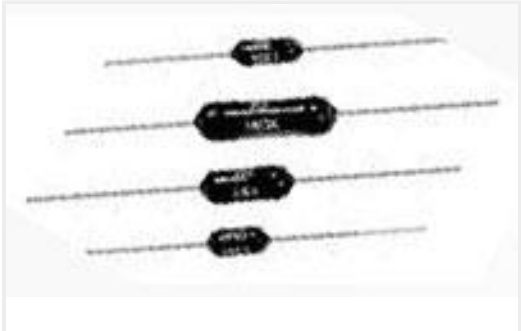
TE Part #5227699-1
BNC PCB VERTICAL



TE Part #87227-3
06 MODII HDR DRST UNSHRD .100



TE Part #215297-3
3P HV100 REC CON. TE, 7.0MM



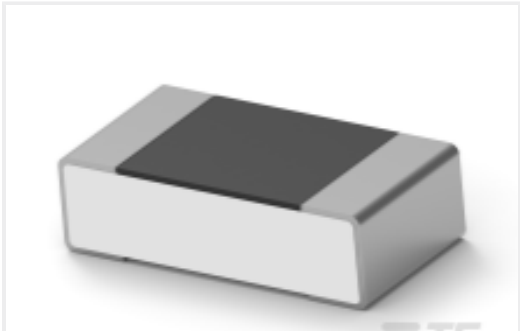
TE Part #2-1879664-0
H8 1K82 0.1% 15PPM



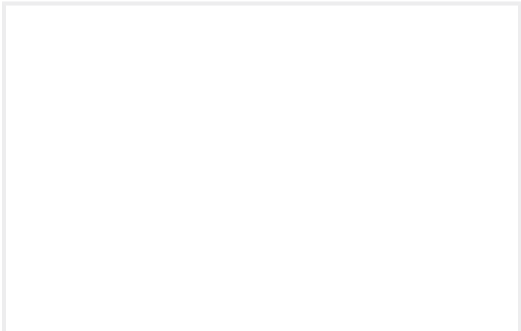
TE Part #8-1393113-7
KUEP-11D15-24=KU-



TE Part #3-2176070-9
3521 390R 1% 2W



TE Part #9-2176371-6
RQ 0603 45K3 0.1% 10PPM 5K RL



TE Part #839635-E
IDCCS SRC 1,27 8 * APU APD 30 HT