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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

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

Usage Conditions

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



| | |
|-----------------------------|----------------|
| 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 |
| EU ELV Directive 2000/53/EC | Out of Scope |
| 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 2024 (241) Candidate List Declared Against: JUNE 2022 (224) 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 #87227-3
06 MODII HDR DRST UNSHRD .100

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

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

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

TE Part #225361-E
M12 METAL SHELL, MALE, RA, SW16

TE Part #225454-E
M12 MALE, A CODE,RA, 8P THR REAR MOUNT

TE Part #384804-E
SRCP 1,27 6 F 1 SMD 137 * 094 * GURT RLV

TE Part #834899-E
SCH SCHE O-RING 14,0X1,0 NBR SCHWARZ M 1

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

Documents

Datasheets & Catalog Pages

GWW Type GX

English