NB-PTCO-029 ACTIVE

MEAS | MEAS PTF TE Internal #: NB-PTCO-029 TE Internal Description: Pt1000, 2.0x2.3, Class A, PTFC102A1G0 Pt1000 RTD Thin Film Element

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RTD Element Type: Platinum Thin Film Temperature Element

Tolerance Class: Class A / F0.15

Element Type: Ceramic

Element Material: Platinum

Lead Wire Style: Ni/Au

All Pt1000 RTD Thin Film Element (27)

Features

Product Type Features

Wire/Cladding Type

Ni/Au

RTD Element Type

Platinum Thin Film Temperature Flement



| RID Element Type | Platinum Thin Film Temperature Element |
|------------------------|--|
| Element Type | Ceramic |
| Element Material | Platinum |
| Lead Wire Style | Ni/Au |
| Configuration Features | |
| Electrical Connection | Open Ends |
| Mechanical Attachment | |
| Wire Length | 10 mm[.393 in] |
| Dimensions | |
| Body Width | 2 mm[.078 in] |
| Wire Diameter | .25 mm[.009 in] |
| Body Height | 1.1 mm[.043 in] |
| Body Length | 2.3 mm[.09 in] |
| Usage Conditions | |
| T1 and T2 for TCR | 0 and +100 °C |
| | |

NB-PTCO-029

Pt1000, 2.0x2.3, Class A, PTFC102A1G0



| TCR at (T1 and T2) | 3850 ppm/°C |
|--|---|
| Accuracy (at T_ref) | ± .15 °C |
| Operating Temperature Range | -30 – 300 °C[-22 – 572 °F] |
| Operating Temperature (Max) | 300 °C[572 °F] |
| Other | |
| Wire Count | 2 |
| Tolerance Class | Class A / F0.15 |
| | |
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| | Compliant with Exemptions Not Yet Reviewed |
| EU ELV Directive 2000/53/EC | |
| EU RoHS Directive 2011/65/EU EU ELV Directive 2000/53/EC China RoHS 2 Directive MIIT Order No 32, 2016 EU REACH Regulation (EC) No. 1907/2006 | Not Yet Reviewed |
| EU ELV Directive 2000/53/EC China RoHS 2 Directive MIIT Order No 32, 2016 | Not Yet Reviewed Restricted Materials Above Threshold Current ECHA Candidate List: JUNE 2024 (241) |
| EU ELV Directive 2000/53/EC China RoHS 2 Directive MIIT Order No 32, 2016 | Not Yet Reviewed Restricted Materials Above Threshold Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 |
| EU ELV Directive 2000/53/EC China RoHS 2 Directive MIIT Order No 32, 2016 | Not Yet Reviewed Restricted Materials Above Threshold Current ECHA Candidate List: JUNE 2024 (241) |
| EU ELV Directive 2000/53/EC China RoHS 2 Directive MIIT Order No 32, 2016 | Not Yet Reviewed Restricted Materials Above Threshold Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) |

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

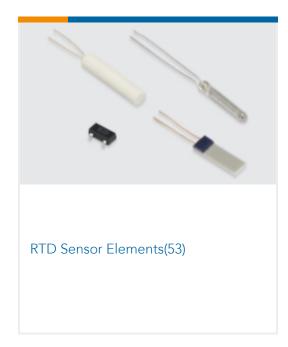
Compatible Parts

Pt1000, 2.0x2.3, Class A, PTFC102A1G0



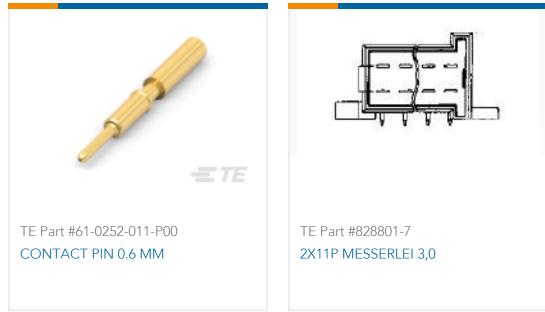


Also in the Series | MEAS PTF



Customers Also Bought





NB-PTCO-029

Pt1000, 2.0x2.3, Class A, PTFC102A1G0



Documents

CAD Files 3D PDF

3D

Customer View Model

ENG_CVM_CVM_NB-PTCO-029_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_NB-PTCO-029_A.3d_igs.zip

English

Customer View Model ENG_CVM_CVM_NB-PTCO-029_A.3d_stp.zip

English

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Datasheets & Catalog Pages Datasheet PTF-Family PTFC, PTFD, PTFF, PTFM

English