NB-PTCO-192 ACTIVE

MEAS | MEAS PTF TE Internal #: NB-PTCO-192 TE Internal Description: Pt1000, 1.2x4.0, Class A, PTFM102A1A0 Pt1000 RTD Thin Film Element

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Sensors > Temperature Sensors > RTD Sensors > RTD Sensor Elements > Pt1000 RTD Thin Film Element



RTD Element Type: Platinum Thin Film Temperature Element

Tolerance Class: Class A / F0.15

Element Package: Ceramic

Element Material: Platinum

Lead Wire Style: Ag

All Pt1000 RTD Thin Film Element (26)

Features

Product Type Features

Wire/Cladding Type

Ag

Model Number

PTFM102A1A0



Model Number	PTFM102A1A0	
RTD Element Type	Platinum Thin Film Temperature Element	
Element Material	Platinum	
Lead Wire Style	Ag	
Configuration Features		
Connector Type	Open Ends	
Dimensions		
Height (Body)	1.1 mm[.043 in]	
Wire Length	10 mm[.393 in]	
Wire Diameter	.25 mm[.009 in]	
Length (Body)	4 mm[.157 in]	
Width (Body)	1.2 mm[.047 in]	
Usage Conditions		
Resistance (at T_ref)	1000 (0 °C) Ω	
T_ref for Accuracy	0 °C	

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NB-PTCO-192

Pt1000, 1.2x4.0, Class A, PTFM102A1A0



Ambient Temperature Range	-30 – 300 °C[-22 – 572 °F]			
T1 and T2 for TCR	0 and +100 °C			
TCR at (T1 and T2)	3850 ppm/°C			
Accuracy (at T_ref)	± .15 °C			
T_ref for Resistance	0 °C			
Maximum Temperature	300 °C[572 °F]			
Packaging Features				
Element Package	Ceramic			
Other				
Tolerance Class	Class A / F0.15			
Wire Count	2			
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	Not Yet Reviewed			
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold			

FLLREACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2023

LUNLACH	Neguiatio	$\Pi(LC)\Pi O.$	170772000
	0	· · · · ·	

(235)
Candidate List Declared Against: JAN 2021
(211)
Does not contain REACH SVHC

Not Yet Reviewed for halogen content

Not reviewed for solder process capability

Halogen Content

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

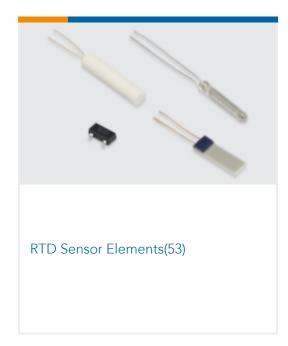
Compatible Parts

Pt1000, 1.2x4.0, Class A, PTFM102A1A0

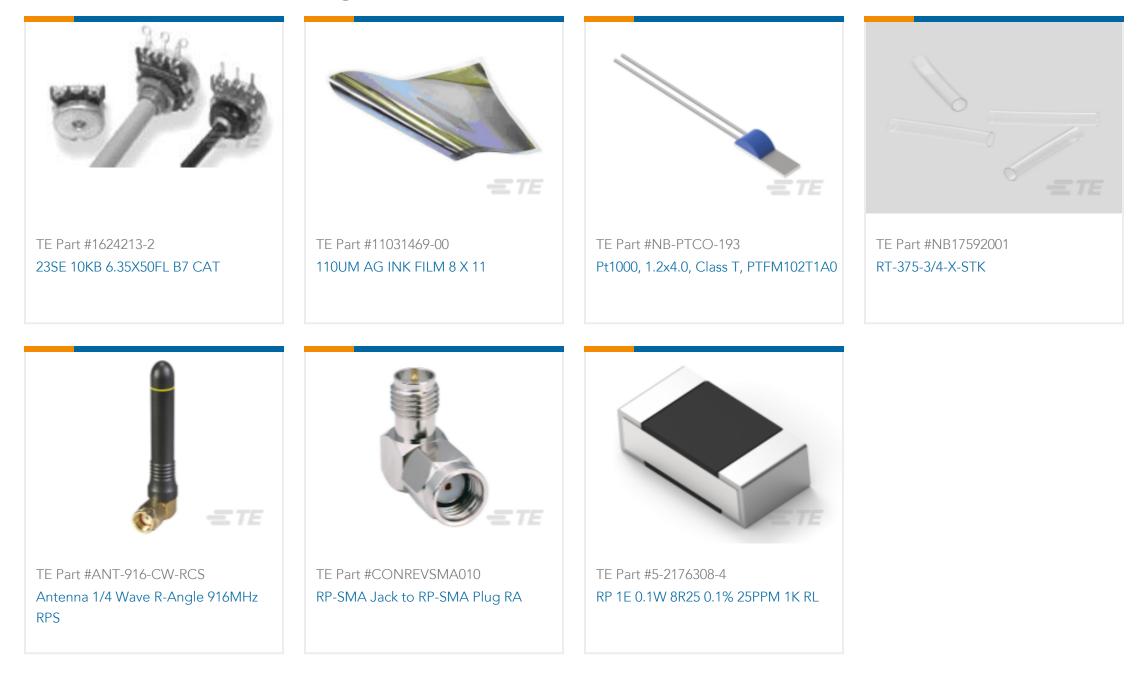




Also in the Series | MEAS PTF



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_NB-PTCO-192_A.2d_dxf.zip

English

NB-PTCO-192

Pt1000, 1.2x4.0, Class A, PTFM102A1A0



Customer View Model ENG_CVM_CVM_NB-PTCO-192_A.3d_igs.zip

English

Customer View Model ENG_CVM_CVM_NB-PTCO-192_A.3d_stp.zip

English

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

English