

Sensors > Temperature Sensors > RTD Sensors > RTD Sensor Elements



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

Tolerance Class: **Class B / W0.3**

Element Package: **Glass**

Element Material: **Platinum**

Lead Wire Style: **Ni/Pt**

Features

Product Type Features

Wire/Cladding Type	Ni/Pt
Model Number	GO 3045
RTD Element Type	Platinum Glass Wire Wound Element
Element Material	Platinum
Lead Wire Style	Ni/Pt

Configuration Features

Connector Type	Open Ends
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Dimensions

Wire Length	15 mm
Diameter (Body)	4.5 mm [.177 in]
Wire Diameter	.25 mm [.009 in]
Length (Body)	30 mm [1.18 in]

Usage Conditions

Resistance (at T _{ref})	100 (0 °C) Ω
T _{ref} for Accuracy	0 °C
Ambient Temperature Range	-196 – 400 °C [-320.8 – 752 °F]
T ₁ and T ₂ for TCR	0 and +100 °C
TCR at (T ₁ and T ₂)	3850 ppm/°C

Accuracy (at T_ref)	± .3 °C
T_ref for Resistance	0 °C
Maximum Temperature	400 °C[752 °F]

Packaging Features

Element Package	Glass
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Other

Tolerance Class	Class B / W0.3
Wire Count	2

Product Compliance

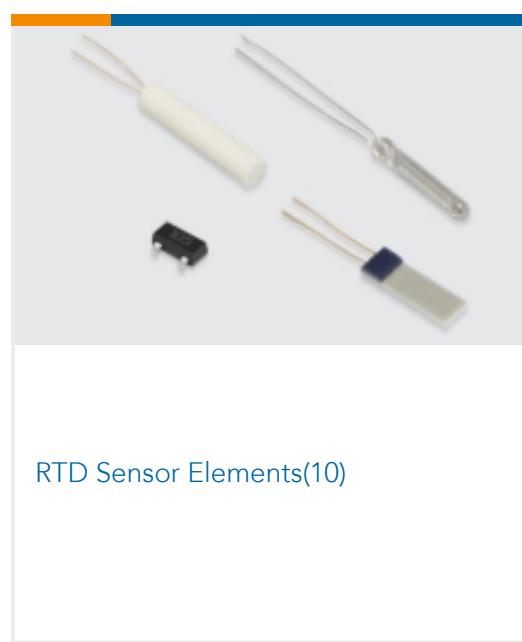
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	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 2023 (235) Candidate List Declared Against: JAN 2021 (211) 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

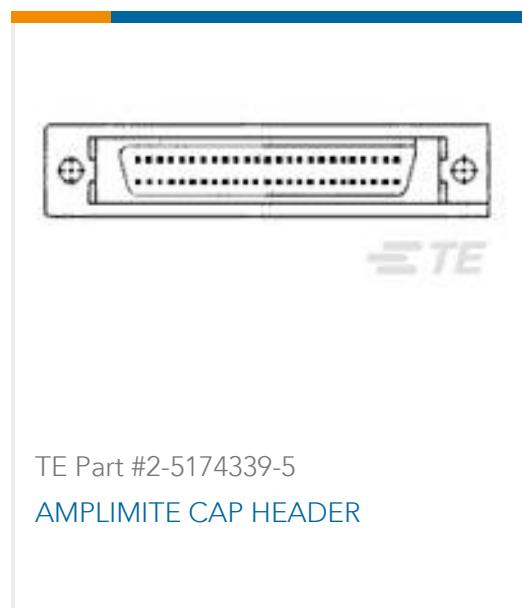
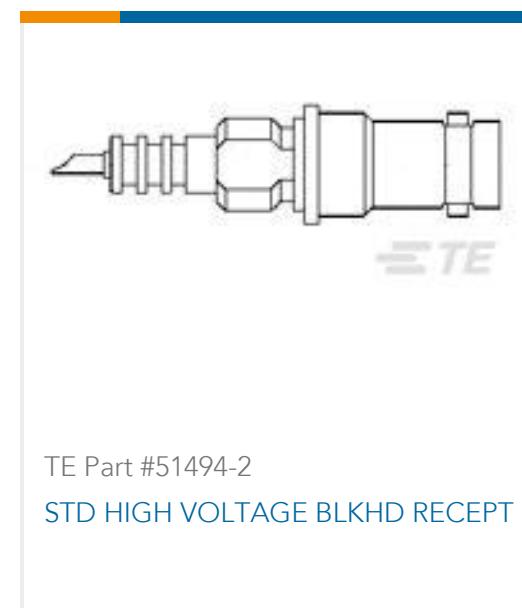
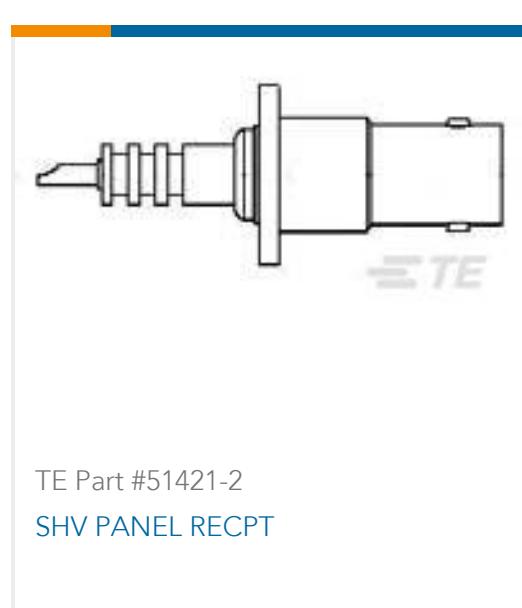
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



RTD Sensor Elements(10)

Customers Also Bought

TE Part #2-5174339-5
AMPLIMITE CAP HEADERTE Part #211768-1
CPC PLUG ASSEMBLY SIZE 17-9TE Part #91285-1
INSERT/EXTRACT TOOL ASSEMBLYTE Part #51494-2
STD HIGH VOLTAGE BLKHD RECEPTTE Part #51421-2
SHV PANEL RECEPTTE Part #89BSD-006BA-A
6 BARA 316L DIGITAL PRESSURE
SENSORTE Part #1007214-3
AMPLIFIER&US POWER SUPPLY PLUGTE Part #1-206070-1
CABLE CLAMP KIT #17TE Part #8-320857-1
SOLIS SPD FLG 16-14, 10TE Part #91067-1
INSERTION/EXTRACTION TOOL

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_SB0873_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SB0873_1.3d_igs.zip](#)

SB0873

GO3045 1Pt100 W0.3 L30/D4.5mm



English

Customer View Model

[ENG_CVM_CVM_SB0873_1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[GWW Type GO](#)

English