SB0795 ✔ ACTIVE

MEAS | MEAS GO

TE Internal #: SB0795

TE Internal Description: GO1020 1Pt100 W0.1 L10/D2.0mm

View on TE.com >

Sensors > Temperature Sensors > RTD Sensors > RTD Sensor Elements



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

Tolerance Class: **1/3 DIN / W0.1**

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	15 mm

Dimensions

Body Length	10 mm[.39 in]
Body Diameter	2 mm[.078 in]
Wire Diameter	.25 mm[.009 in]

Usage Conditions

T1 and T2 for TCR	0 and +100 °C
Operating Temperature Range	0 – 150 °C[32 – 302 °F]
Accuracy (at T_ref)	± .1 °C
TCR at (T1 and T2)	3850 ppm/°C

Operating Temperature (Max)	150 °C[302 °F]

Other

Wire Count	2
Tolerance Class	1/3 DIN / W0.1

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 2025 (250) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

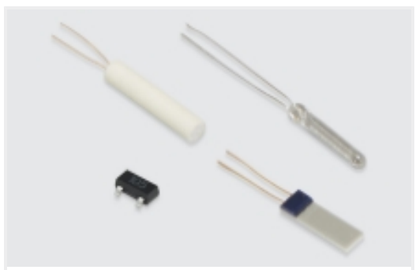


TE Part # SB0794
GO1020 1Pt100 W0.15 L10/D2.0mm



TE Part # SB0789
GO1020 1Pt100 W0.3 L10/D2.0mm

Also in the Series | MEAS GO



RTD Sensor Elements(10)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT06-2S
PLG, 2P, GRY, N



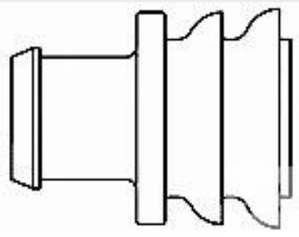
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SB0795_4.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SB0795_4.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_SB0795_4.3d_stp.zip

English

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Datasheets & Catalog Pages

GWW Type GO

English