SP44901X-9

MEAS | MEAS 44900

TE Internal #: SP44901X-9

TE Internal Description: 44901X GSFC 311P18-01A30R

Mil-Spec: [MIL-PRF-23648]

View on TE.com >

Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors



NTC Sensor Type: **Epoxy Coated NTC Thermistor**

Lead Wire Length: **300 mm [11.811 in]**

Resistance (at 25°C): **2.252 kΩ**

β-Value(25/85): **3987 K**

Tolerance β-Value: **±0.8 %**

Features

Product Type Features

NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance β-Value	±0.8 %

Electrical Characteristics

β-Value(25/85)	3987 K

Dimensions

Lead Wire Length	300 mm[11.811 in]

Usage Conditions

Resistance (at 25°C)	2.252 kΩ
Operating Temperature (Max)	90 °C[194 °F]

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247)

	SVHC > Threshold: Pb (40% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

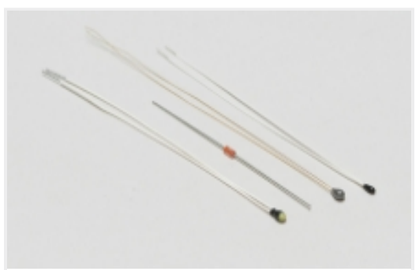
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Compatible Parts



TE Part # SP44902X-10
44902X GSFC 311P18-02A7R6

Also in the Series | MEAS 44900

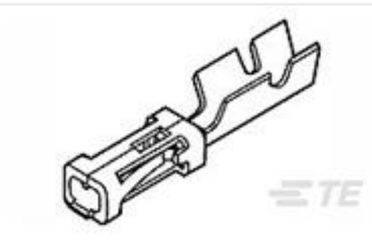


NTC Thermistors(11)

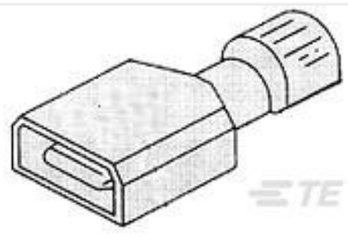
Customers Also Bought



TE Part #36160
TERMINAL,PIDG R 16-14 10



TE Part #87667-2
MOD IV RECP LP



TE Part #2-520102-2
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR



TE Part #1925214-9
TMN2N009PC2DM018S = M32139/03-A05SNS

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_SP44901X-9_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_SP44901X-9_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_SP44901X-9_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Model 44901 Datasheet

English

Model 44900 Series Datasheet

English