



Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors > GSFC Space Qualified Temperature Sensors



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

Lead Wire Length: **200 mm [7.874 in]**

Resistance (at 25°C): **10 kΩ**

β-Value(25/85): **3694 K**

Tolerance β-Value: **±0.8 %**

[All GSFC Space Qualified Temperature Sensors \(66\)](#)

Features

Product Type Features

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

Electrical Characteristics

β-Value(25/85)	3694 K
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Dimensions

Lead Wire Length	200 mm[7.874 in]
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Usage Conditions

Resistance (at 25°C)	10 kΩ
Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025
(247)
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 # CAT-NTC0069
GSFC Space Qualified Temperature
Sensors

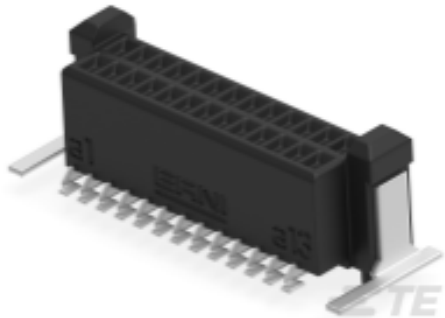
Also in the Series | MEAS GSFC



NTC Thermistors(58)

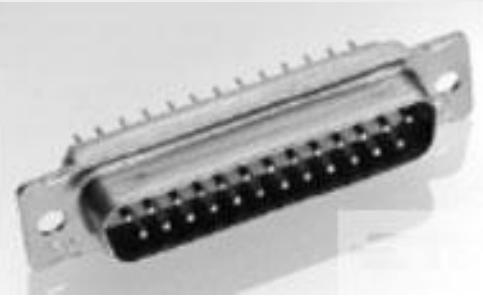
Customers Also Bought





TE Part #294003-E
DRCB 0,80 26 F SMD F4 137 E009 094
GU-H

TE Part #ZPF000000000012709
DBAS 70-61-0 SN 090 SCC



TE Part #1757819-9
AMPLIMITE,ASY,PLUG,STD,109,ZN,4,
CT



TE Part #34151
PG R 22-16 COMM 22-18 MIL 5/16
CT



TE Part #CAT-NTC0049
Satellite (ESA) Surface Mount NTC
Sensor

TE Part #11021154-00
ESAD-ESA DISCRETE ENG MODEL



TE Part #ZPF000000000000343
006-0912-20 SCC



TE Part #ZPF000000000000377
006-0973-20 SCC

TE Part #GA10K3A739LEVB
ESAD-ESA DISCRETE-400601306B

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SP44907X-34_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SP44907X-34_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_SP44907X-34_1.3d_stp.zip

English

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

Datasheets & Catalog Pages

Model 44907 Datasheet

English

Model 44900 Series Datasheet

English

