



Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors > Super Stable Glass Thermistors - 46000



NTC Sensor Type: **Glass Encapsulated NTC Thermistor**

Lead Wire Length: **76 mm [2.992 in]**

Resistance (at 25°C): **2.252 kΩ**

β-Value(25/85): **3978 K**

Tolerance β-Value: **±0.2 %**

[All Super Stable Glass Thermistors - 46000 \(12\)](#)

Features

Product Type Features

β-Value (0/50)	3891 K
Temperature Tolerance	± 0.2 °C from 0 – 70 °C
NTC Sensor Type	Glass Encapsulated NTC Thermistor
Tolerance β-Value	±0.2 %

Electrical Characteristics

β-Value(25/85)	3978 K
----------------	--------

Body Features

Lead Wire Conductor Type	Gold Plated Dumet Solid
--------------------------	-------------------------

Dimensions

Lead Wire Size	32 AWG
Product Diameter	2.8 mm[.11 in]
Product Length	6.4 mm[.25 in]
Lead Wire Length	76 mm[2.992 in]

Usage Conditions

Resistance (at 25°C)	2.252 kΩ
Operating Temperature Range	-80 – 200 °C[-112 – 392 °F]



Operating Temperature (Max)	200 °C[392 °F]
-----------------------------	----------------

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) 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 (.4% 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

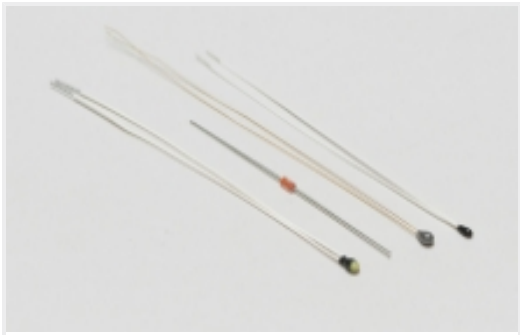
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



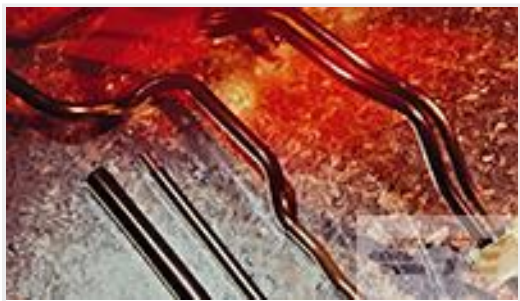


Also in the Series | MEAS 46000



NTC Thermistors(12)

Customers Also Bought



TE Part #9998552005
DWTC-16/4-X-STK



TE Part #5-160429-1
187 FASTON REC 16-14 AWG BR



TE Part #1-1337451-0
BNC BHSkt 50Ohm Silver Pltd



TE Part #2-1462038-0
IM42NS=IM RELAY 100mW 4.5V BIS



TE Part #1614350-1
RN 0603 10R 0.1% 10PPM 5K RL



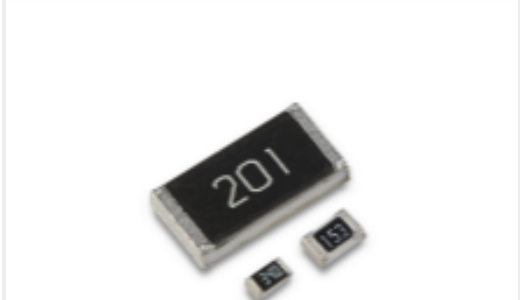
TE Part #1676462-2
RN 0805 90R9 0.1% 10PPM 1KRL



TE Part #8-1879377-2
CRGH0805 5% 2K2 0.33W



TE Part #4-2176217-7
CPF A 0805 6K8 0.1% 25PPM 1K RL



TE Part #2-2176328-0
CRGP 1206 390R 1%



TE Part #5227222-6
VERT JK W/MTG PINS, BNC PCB

Documents

Datasheets & Catalog Pages

Model 46004 Datasheet

English

46000 Series Datasheet

English