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NTC Sensor Type: **Leadless NTC Gold Chips**

Resistance (at 25°C): **10 kΩ**

Resistance Tolerance (at 25°C): **± 2 %**

β-Value(25/85): **3976 K**

Tolerance β-Value: **±1 %**

[All Gold Chip NTC Thermistors \(10\)](#)

Features

Product Type Features

NTC Sensor Type	Leadless NTC Gold Chips
Resistance Tolerance (at 25°C)	± 2 %
Tolerance β-Value	±1 %

Electrical Characteristics

β-Value(25/85)	3976 K
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Usage Conditions

Resistance (at 25°C)	10 kΩ
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

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	Compliant
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: JAN 2024 (240)



Candidate List Declared Against: JAN 2024
(240)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 20016128-00
CHPG-10K +/- 2% B 3956 +/- 1%
BT647H-H

Customers Also Bought

TE Part # 3-641191-2
Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment

TE Part # 1-102387-0
50 MODIV HSG COMP DR .100 POL

TE Part # 1623693-1
CRG1206 ZEROHM

TE Part # 4-1625868-1
RP 2A 0.25W 14R 0.1% 25PPM 1K RL



TE Part # 4-1625868-9

RP 2A 0.25W 16R9 0.1% 25PPM 1K RL

TE Part # 2176091-3

RP 2A 0.25W 60R4 0.1% 25PPM 1K RL

TE Part # 1614891-2

CPF 0805 64R9 0.1% 25PPM 1K RL

TE Part # 166722-1

TANDEM SPR.REC.F

Documents

Datasheets & Catalog Pages

GOLD CHIP THERMISTOR GA10K3CG582

English