



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors > Gold Chip NTC Thermistors



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

Wire Connection: **Solder/Wire Bond**

Resistance (at 25°C): **10 kΩ**

Tolerance Resistance: **± 2 %, ± 2 %**

β-Value(25/85): **3976 K**

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

Features

Product Type Features

Discrete NTC Sensor Type	Leadless NTC Gold Chips
Tolerance β-Value	±1 %

Electrical Characteristics

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

Body Features

Wire Connection	Solder/Wire Bond
-----------------	------------------

Usage Conditions

Resistance (at 25°C)	10 kΩ
Tolerance Resistance	± 2 %, ± 2 %
Discrete NTC Ambient Temperature Range	-40 – 125 °C
Temperature Accuracy	±1 @ 25 °C
Maximum Temperature	125 °C[257 °F]

Packaging Features

Discrete NTC Package	Gold Chip Thermistor
----------------------	----------------------

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 #5747847-4 37 MSFL RCPT RA 318 (IN,FM,BL)	TE Part #1-1622820-9 SMD Power Resistor: 1 Watt, 3520 Series	TE Part #1-2273034-1 M12 x 1.0 straight plug pigt A	TE Part #1614349-9 RN 0603 10K 0.1% 10PPM CUT LENGTH
TE Part #1623693-1 CRG1206 ZEROHM	TE Part #2176350-2 CRGCQ 2512 1R5 5%	TE Part #NB-PTCO-154 Pt1000 RTD Thin Film Element	TE Part #146845-1 BATT INT,KEYLESS,5P,7.2V

Documents

Datasheets & Catalog Pages

GOLD CHIP THERMISTOR GA10K3CG582

English