



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



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: JUNE 2024 (241)



Candidate List Declared Against: JUNE 2024 (241)  
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

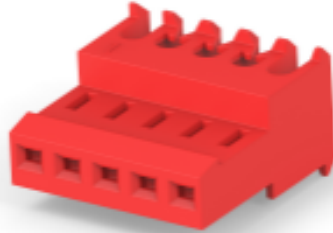
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

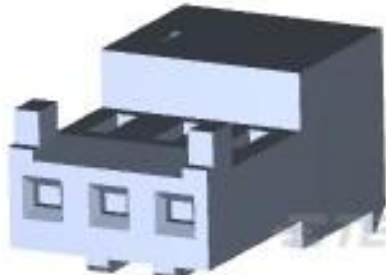


TE Part # 20016128-00  
CHPG-10K +/- 2% B 3956 +/- 1%  
BT647H-H


Customers Also Bought



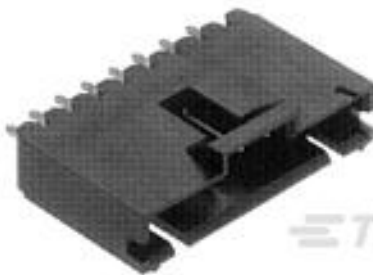
TE Part #3-641237-3  
Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment



TE Part #3-644020-3  
03P MTA100 CONN ASSY 30AU




TE Part #58074-1  
MTA 50/100/156 MANUAL TOOL FRAME



TE Part #5-103669-3  
04 MTE HDR SRST LATCH W/HLDWN





TE Part #2-520181-2

ULTRA-FAST 187 ASY REC 22-18 AWG  
TPBR



TE Part #4-1625868-9

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



TE Part #2176091-4

RP 2A 0.25W 61R9 0.1% 25PPM 1K RL



TE Part #2176091-5

RP 2A 0.25W 63R4 0.1% 25PPM 1K RL

Documents

Datasheets & Catalog Pages

GOLD CHIP THERMISTOR GA10K3CG582

English