



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > Discrete NTC



Discrete NTC Sensor Type: **NTC Thermistor**

Wire Connection: **Solder/Wire Bond**

Resistance (at 25°C): **10 kΩ**

Tolerance Resistance: **± 5 %**

Beta 25/85 Value: **3976 K**

## Features

### Product Type Features

Discrete NTC Sensor Type	NTC Thermistor
Tolerance β-Value	±2 %

### Signal Characteristics

Beta 25/85 Value	3976 K
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### Body Features

Wire Connection	Solder/Wire Bond
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### Usage Conditions

Resistance (at 25°C)	10 kΩ
Tolerance Resistance	± 5 %
Discrete NTC Ambient Temperature Range	-40 – 125 °C
Temperature Accuracy	± 1.2 @ 25 °C
Maximum Temperature	125 °C[257 °F]

### Packaging Features

Discrete NTC Package	Gold Chip Thermistor
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC

Not Yet Reviewed

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 2022 (223)  
 Candidate List Declared Against: JAN 2022 (223)  
 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 # GA10K3A11B  
 DISCRETE 10K OHMS, +/-0.2C FROM 0C TO 70C

TE Part # GA10K3A11A  
 DISCRETE 10K OHMS, +/-0.1C FROM 0C TO 70C

### Customers Also Bought

TE Part #36254  
 PIDG R 22-16COMM 22-18MIL .128

TE Part #5102160-9  
 A/L UNIV HDR 40P RA

TE Part #3-1630186-9  
 HSA50 360R 5%

TE Part #1-148057-5  
 096 EURO TYP C RECP 13MM ASSY



TE Part #5-747912-2  
25 Plug Solder Cup, Gold Flash



TE Part #6-1879215-3  
CPF 0402 20K5 0.1% 25PPM 1K RL



TE Part #4-1879208-6  
CPF 0402 750R 0.1% 25PPM 1K RL



TE Part #533236-4  
096 EURO SHROUD



TE Part #2176079-5  
EP 3W 47R 5%



TE Part #GA1K2CG2  
CHPG-GOLD CHIP

## Documents

[Datasheets & Catalog Pages](#)

[Leadless\\_Chip\\_Gold\\_10K3CG](#)

English