



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > Discrete NTC > MICRO-BETACHIP (MCD) THERMISTOR PROBE



Discrete NTC Sensor Type: **Epoxy Coated NTC Thermistor**

Wire Connection: **Open End**

Discrete NTC Wire Length: **152 mm**

Resistance (at 25°C): **2 kΩ**

Beta 25/85 Value: **3499 K**

[All MICRO-BETACHIP \(MCD\) THERMISTOR PROBE \(3\)](#)

## Features

### Product Type Features

Discrete NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance $\beta$ -Value	$\pm 5\%$

### Signal Characteristics

Beta 25/85 Value	3499 K
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### Body Features

Wire Connection	Open End
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### Dimensions

Discrete NTC Wire Length	152 mm
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### Usage Conditions

Resistance (at 25°C)	2 kΩ
Discrete NTC Ambient Temperature Range	-40 – 125 °C
Temperature Accuracy	$\pm .2$ from 0 – 70 °C
Maximum Temperature	125 °C[257 °F]

### Operation/Application

Wire/Cladding Connection	38 AWG Solid Nickel Bifilar, Polyester
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### Packaging Features

Discrete NTC Package	Micro Epoxy Discrete
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### 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	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: JUL 2021 (219) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

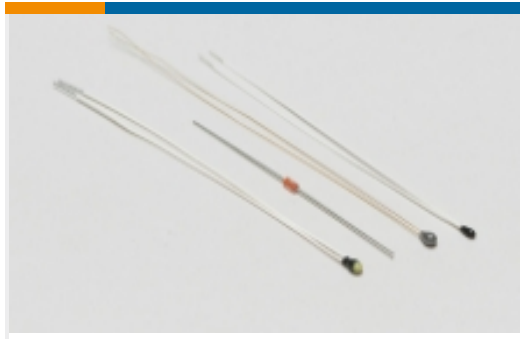
#### Product Compliance Disclaimer

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

 <p>TE Part # GA10K3MCD1 MCD PROBE, 10K OHMS,</p>	 <p>TE Part # GA10K3MBD1 MBD9-PROBE</p>	 <p>TE Part # GA10K3MRBD1 MBD9-MRBD</p>	 <p>TE Part # GA10K4D25 PRO2-PROBE</p>
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Also in the Series | [MEAS MCD](#)



Discrete NTC(3)



NTC Probes & Assemblies(1)

## Customers Also Bought



TE Part #5747846-4  
25 MSFL RCPT RA 318 (IN,FM,BL)



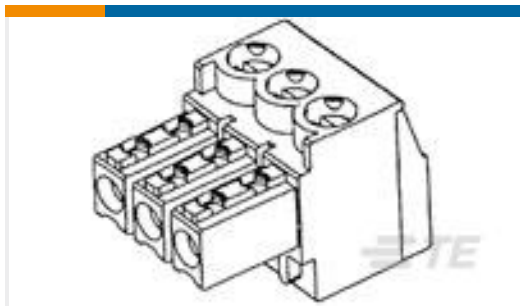
TE Part #20009605-17  
Compact Compression Load Cell



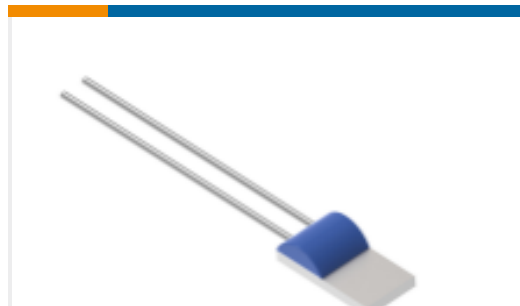
TE Part #5-104363-5  
06 MTE HDR SRST LATCH .100CL



TE Part #5-104363-1  
02 MTE HDR SRST LATCH .100CL



TE Part #284507-8  
8 POS TERMI-BLOK PLUG STAC 3,8



TE Part #NB-PTCO-172  
Pt100, 2.0x4.0, Class B, PTFE101B1G0



TE Part #3-1761606-5  
IDC LOW PRO HDR 50P VERT LG LA

## Documents

### Datasheets & Catalog Pages

[GA2K7MCD1 MICRO BetaCHIP \(MCD\) THERMISTOR PROBES](#)

English