



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors > Thermistor Probe — Micro BetaCHIP (MCD)



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

Lead Wire Length: **152 mm [5.984 in]**

Resistance (at 25°C): **2 kΩ**

β-Value(25/85): **3499 K**

Tolerance β-Value: **±.5 %**

[All Thermistor Probe — Micro BetaCHIP \(MCD\) \(3\)](#)

Features

Product Type Features

NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance β-Value	±.5 %

Electrical Characteristics

β-Value(25/85)	3499 K
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Dimensions

Lead Wire Length	152 mm[5.984 in]
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Usage Conditions

Resistance (at 25°C)	2 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	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: JUNE 2024 (241)
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 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

TE Part # GA10K3MCD1
MCD PROBE, 10K OHMS,

TE Part # GA10K3MBD1
MBD9-PROBE

TE Part # GA10K4D25
PRO2-PROBE

TE Part # GA10K3MRBD1
MBD9-MRBD


Also in the Series | MEAS MCD

NTC Probes(1)


NTC Thermistors(3)




Customers Also Bought




TE Part #487545-7
010 HOUSING FFC RCPT 050CL SR




TE Part #440055-8
2.0MM,HDR,8POS,R/A



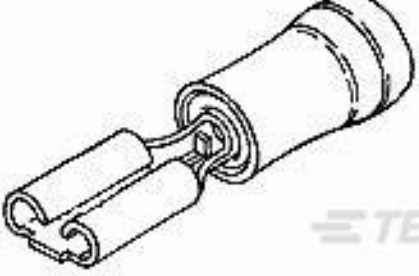
TE Part #1-487547-2
FFC RCPT CONTACT .050CL




TE Part #2-1879021-3
SMW3 R82 5%




TE Part #91579-1
CCII ECON POWER REC 20-16 ASSY




TE Part #165563-1
110 PIDG FASTON REC



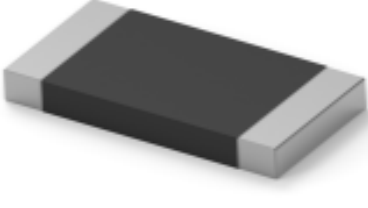
TE Part #1-2176397-8
3502 5R1 1%



TE Part #3-1393248-9
W33-T2N1Q-20=W33



TE Part #5-1609152-1
20SRB1=F8424



TE Part #2-2176421-7
TLRP 2512 2.0W R050 1% 25PPM 4K RL

Documents

Datasheets & Catalog Pages
GA2K7MCD1 MICRO BetaCHIP (MCD) THERMISTOR PROBES
English