

GA10K3MBD1 ✓ ACTIVE

MEAS

TE Internal #: GA10K3MBD1

TE Internal Description: MBD PROBE, 10K @25C, 0.2 FROM 0 TO 70

Mini-Betacurve (MBD) Thermistor Probe

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Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors > Mini-Betacurve (MBD) Thermistor Probe



NTC Sensor Type: **Miniature Epoxy (MBD)**

Lead Wire Length: **56 mm [2.205 in]**

Resistance (at 25°C): **10 kΩ**

β -Value(25/85): **3976 K**

Tolerance β -Value: **±.5 %**

[All Mini-Betacurve \(MBD\) Thermistor Probe \(3\)](#)

Features

Product Type Features

β -Value (0/50)	3892 K
Temperature Tolerance	± 0.2 °C from 0 – 70 °C
NTC Sensor Type	Miniature Epoxy (MBD)
Tolerance β -Value	±.5 %

Electrical Characteristics

β -Value(25/85)	3976 K
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Body Features

Insulation Material	PVDF
Lead Wire Conductor Type	Silver Plated Copper Solid

Dimensions

Lead Wire Size	30 AWG
Product Diameter	1.1 mm[.043 in]
Product Length	5 mm[.197 in]
Lead Wire Length	56 mm[2.205 in]

Usage Conditions

Resistance (at 25°C)	10 kΩ
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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	Out of Scope
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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 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 # GA100K6MRBD1
MBD PROBE, 100K @25C, 0.2 FROM 0 TO 70



TE Part # GA10K3MRBD1
MBD9-MRBD

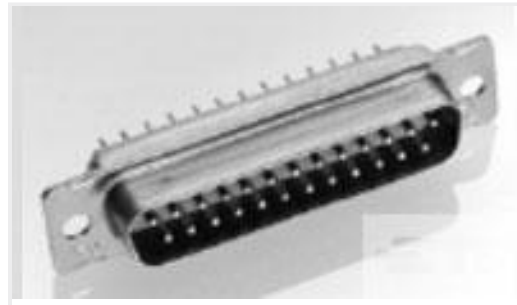


TE Part # CAT-NTC0065
Thermistor Probe — Micro BetaCHIP (MCD)

Customers Also Bought



TE Part #1757823-3
AMPLIMITE,ASY,PLUG,STD,90,ZN,3



TE Part #204504-1
RECEPT ASSY,SZ 3,AMPLIMITE



TE Part #4-2176057-1
RLP73K 3A R47 1% 1K RL



TE Part #1-794223-0
MINI UMNL2 SCKT 20-16AWG 30AU



TE Part #CAT-SE594-M1NN
M12 A-Code Male Straight to Female
Straight Double Ended Cable



TE Part #T4061210004-005
M8 CABLE RA M 5M 4POS PVC CABLE



TE Part #770997-1
04P CMNL SOK HDR ASSY



TE Part #FS2030-000X-0500-G
FS2030 500G FORCE SENSOR



TE Part #GA10K3MRBD1002
MBD2-MRBD 10K +/- 0.2'C 0-70'C

Documents

Datasheets & Catalog Pages

[MBD_10K3MBD1](#)

English