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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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

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

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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 # CAT-NTC0065
Thermistor Probe — Micro BetaCHIP (MCD)



TE Part # GA10K3MRBD1
MBD9-MRBD



TE Part # GA100K6MBD1
MBD PROBE, 100K @25C, 0.2 FROM 0 TO 70

Customers Also Bought



TE Part #GA100K6MCD1
MCD PROBE, 100K OHMS,+/- 0.2C @ 25C



TE Part #T4161420005-004
RPC-M12-FR-5CON-PUR-3.0SH



TE Part #9-215083-4
MICRO-MATCH MOW.24P



TE Part #323172
TERM, STRAT, SOLIS, RT, HR, 6, 3/8



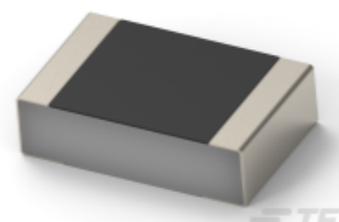
TE Part #323219
SOLIS R HR 22-16COM22-18MIL 6



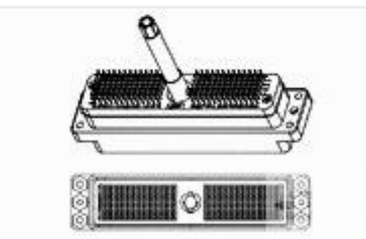
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CRG0402 5% 1K0



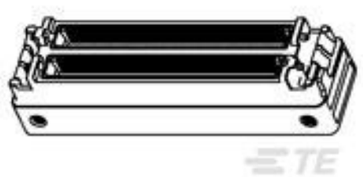
TE Part #2-1623931-3
CFR25 5% 3K9



TE Part #2-2176452-3
CPF 0201 909R 0.1% 25ppm 1K RL



TE Part #5316717-1
M-ZIF PLUG ASSY 260P S/SOLDER



TE Part #6565199-2
TC-ZIF HDR ASSY 260P SHIELD FINGER

Documents

Datasheets & Catalog Pages

Mini Betacurve (MBD) Thermistor Datasheet

English