

GA100K6MCD1

✓ ACTIVE

MEAS | MEAS MCD

TE Internal #: GA100K6MCD1

TE Internal Description: MCD PROBE, 100K OHMS,+/- 0.2C @ 25C

Thermistor Probe — Micro BetaCHIP (MCD)

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

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

Resistance (at 25°C): **100 kΩ**

Resistance Tolerance (at 25°C): **± .88 %**

β-Value(25/85): **4261 K**

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

Features

Product Type Features

β-Value (0/50)	4143 K
Temperature Tolerance	± 0.2 °C @ 25 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .88 %
Tolerance β-Value	±0.5 %

Electrical Characteristics

β-Value(25/85)	4261 K
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Body Features

Insulation Material	Polyester
Lead Wire Conductor Type	Nickel Bifilar Solid

Dimensions

Lead Wire Size	38 AWG
Product Diameter	.5 mm[.02 in]
Product Length	3.3 mm[.13 in]
Lead Wire Length	152 mm[5.984 in]

Usage Conditions

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Resistance (at 25°C)	100 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

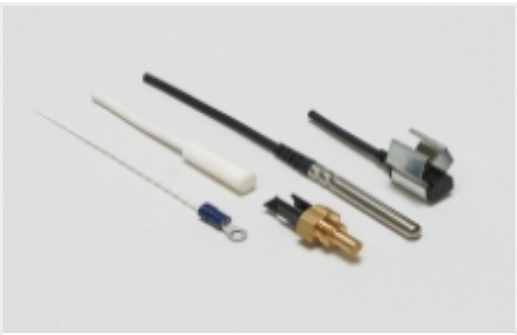
Product Compliance Disclaimer

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>

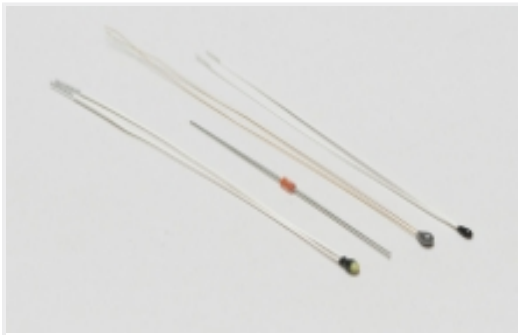
Compatible Parts



Also in the Series | MEAS MCD



NTC Probes(1)

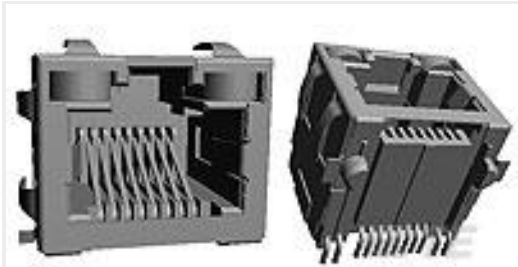


NTC Thermistors(3)

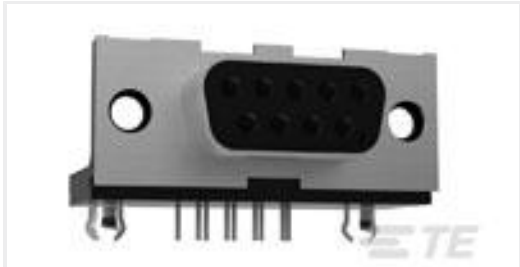
Customers Also Bought



TE Part #GAG22K7MCD419  
GLS9-MCD +/-15% 37°C 0.38MM



TE Part #2178415-1  
MJ,RJ45,SMT,SHLD



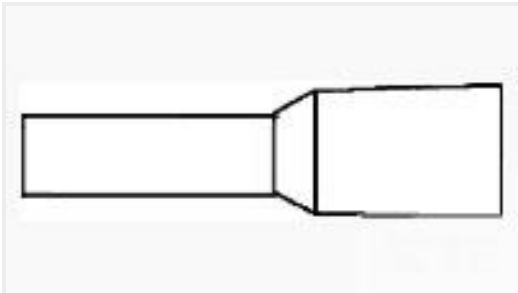
TE Part #1-106505-2  
9P.HDP20 REC.ASSY.



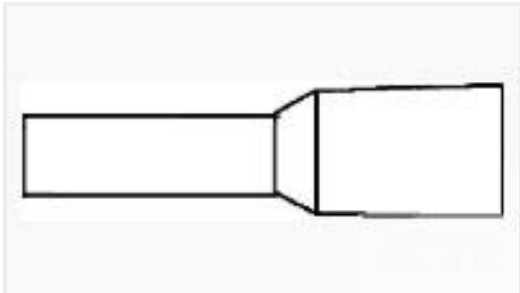
TE Part #165035  
PLASTI-GRIP, RING, 12-10 1/4



TE Part #539660-1  
ADERENDHUELSEN (Ferrule) Crimp Tool



TE Part #966067-3  
FER,WIRE,PL SLV, .50/20,L10,WHITE,LP



TE Part #1241001-1  
ADERENDH0,75M GRAU



TE Part #2-215083-4  
MICRO-MATCH MOW.24P



TE Part #321019  
TERMINAL,PIDG R 26-22 6



TE Part #350551-2  
UMNL SOK 20-14 AUBR L/P

Documents

Datasheets & Catalog Pages

GA100K6MCD1 MICRO BetaCHIP (MCD) THERMISTOR PROBES

English

MCD\_100K6MCD1

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