



Sensors > Temperature Sensors > NTC Sensors > 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): **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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 #G-MRCO-051  
1MM PITCH AMR POSITION SENSOR  
KMPX



TE Part #GA2K7MCD1  
MCD PROBE, 2K OHMS,+/- 0.2C @  
25C



TE Part #802523-SF  
FN2030B-20-06



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



TE Part #350550-2  
UMNL SOK 20-14 AU/BR L/P



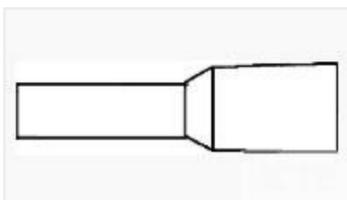
TE Part #350551-2  
UMNL SOK 20-14 AUBR L/P



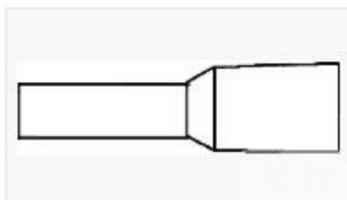
TE Part #539660-1  
ADERENDHUELSEN (Ferrule) Crimp  
Tool



TE Part #826629-2  
2P AMPMODU II



TE Part #1241000-1  
ADERENDHUEL,WS0,5M



TE Part #1241001-1  
ADERENDH0,75M GRAU

## Documents

### Datasheets & Catalog Pages

[GA100K6MCD1 MICRO BetaCHIP \(MCD\) THERMISTOR PROBES](#)

English

[MCD\\_100K6MCD1](#)

English

[Micro Betachip \(MCD\) Thermistor Datasheet](#)

English

