



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



NTC Sensor Type: **NTC Thermistor**

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

Resistance (at 25°C): **100 kΩ**

β -Value(25/85): **4261 K**

Tolerance β -Value: **±.5 %**

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

Features

Product Type Features

β -Value (0/50)	4143 K
Temperature Tolerance	± 0.2 °C from 0 – 70 °C
NTC Sensor Type	NTC Thermistor
Tolerance β -Value	±.5 %

Electrical Characteristics

β -Value(25/85)	4261 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

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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	Compliant
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



Customers Also Bought



TE Part #1241965-4
STANDARD TIMER HSG. WITH EXT. LOCK.



TE Part #323151
DG 22-16COM 22-18MIL HR R 6



TE Part #282106-1
AMP SUPERSEAL 1.5 SERIES 4P CA



TE Part #1-2176458-2
CPF 1206 1R3 0.1% 25ppm 1K RL



TE Part #1-2176379-4
RQ 0805 147R 0.1% 10PPM 5K RL



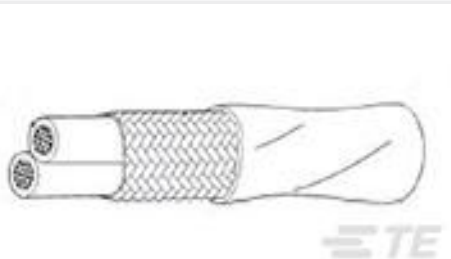
TE Part #1761987-9
ReceptacleConnAssm38PosTape/Re



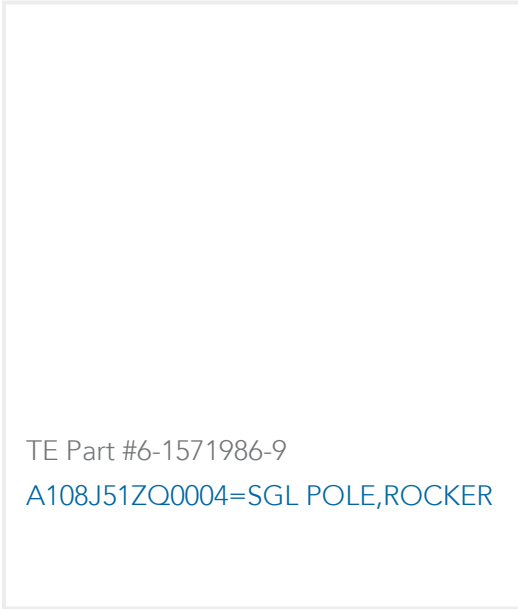
TE Part #964201-1
STD TIMER CONTACT



TE Part #316075-000
55A1121-24-6/9-9



TE Part #610217-000
55PC6003-20-2/6-9CS2502



TE Part #6-1571986-9
A108J51ZQ0004=SGL POLE,ROCKER

Documents

Datasheets & Catalog Pages

MBD_100K6MBD1

English