# 090052 ✔ ACTIVE

MEAS | MEAS 45000

TE Internal #: 11031221-00

TE Internal Description: GLASS NTC THERMISTOR

Model 45000 Series

View on TE.com >

Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors > Model 45000 Series



NTC Sensor Type: **Glass Encapsulated NTC Thermistor**

Lead Wire Length: **76 mm [ 2.992 in ]**

Resistance (at 25°C): **30 kΩ**

β-Value(25/85): **3943 K**

Tolerance β-Value: **±0.5 %**

All Model 45000 Series (4)

## Features

### Product Type Features

| | |
|---|---|
| NTC Sensor Type | Glass Encapsulated NTC Thermistor |
| Tolerance β-Value | ±0.5 % |

### Electrical Characteristics

| | |
|---|---|
| β-Value(25/85) | 3943 K |

### Dimensions

| | |
|---|---|
| Lead Wire Length | 76 mm[2.992 in] |

### Usage Conditions

| | |
|---|---|
| Resistance (at 25°C) | 30 kΩ |
| Operating Temperature Range | -40 – 200 °C[-40 – 392 °F] |
| Operating Temperature (Max) | 200 °C[392 °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 | Not Yet Reviewed |
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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

## Also in the Series | MEAS 45000



NTC Thermistors(4)

## Customers Also Bought



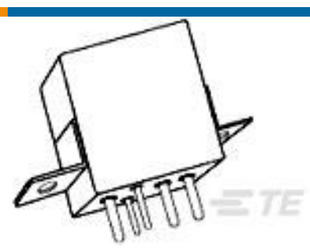
TE Part #5-1617791-0
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TE Part #3162223001
55A0121-26-0/9



TE Part #852990-000
222K174-100/180-0



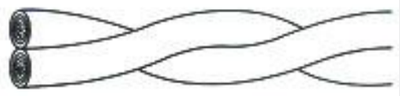
TE Part #2-1617748-1
FCA-125-15=M6106/19-015



TE Part #1-1617029-2
HFW1130K06M = M39016/6-104M



TE Part #621096-000
D-142-83

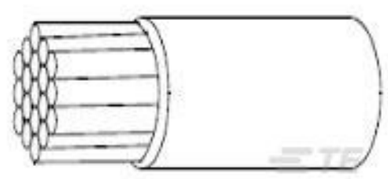


TE Part #1419553001
55A0121-28-0/9



TE Part #ZPF000000000007828
983-0Y 16-24 PN

TE Part #ZPF000000000007096
9602-00H 8-98 PN-A868



TE Part #CQ04133001
55A0111-22-9CK0300

## Documents

### Datasheets & Catalog Pages

Model 45008 Datasheet

English

Model 45000 Series Datasheet

English