

055110 ✓ ACTIVE

MEAS | MEAS 55000

TE Internal #: 11027566-00

TE Internal Description: 55031 GEM THERM

Model 55000 Series

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Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors > Model 55000 Series



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

Wire Connection: **Open End**

Discrete NTC Wire Length: **65 mm**

Resistance (at 25°C): **10 kΩ**

$\beta$ -Value(25/85): **3694 K**

[All Model 55000 Series \(21\)](#)

## Features

### Product Type Features

Discrete NTC Sensor Type	Glass Encapsulated NTC Thermistor
Tolerance $\beta$ -Value	±0.4 %

### Electrical Characteristics

$\beta$ -Value(25/85)	3694 K
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### Body Features

Wire Connection	Open End
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### Dimensions

Discrete NTC Wire Length	65 mm
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### Usage Conditions

Resistance (at 25°C)	10 kΩ
Discrete NTC Ambient Temperature Range	-55 – 150 °C
Temperature Accuracy	±.1 from 0 – 70 °C
Maximum Temperature	150 °C[302 °F]

### Operation/Application

Wire/Cladding Connection	32 AWG (.2mm) Gold Plated Dumet wire
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### Packaging Features

Discrete NTC Package

Glass Radial Discrete

## 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: JUNE 2023 (235)  
 Candidate List Declared Against: JUNE 2023 (235)  
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed for solder process capability

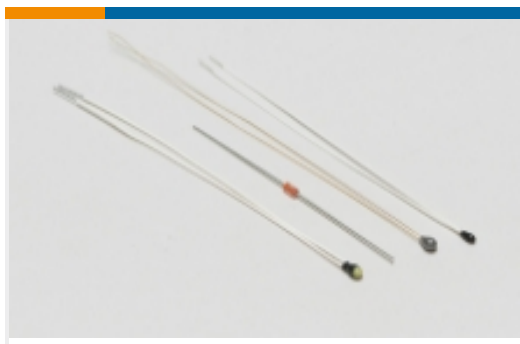
### Product Compliance Disclaimer

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 55000](#)

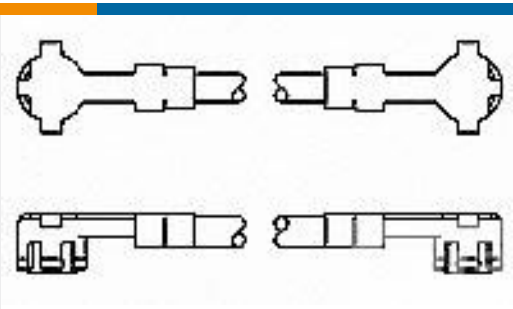


NTC Thermistors(21)

### Customers Also Bought



TE Part #5205818-3  
FEMALE SCREWLOCK,PLTD



TE Part #1064524-1  
9960 1100 24



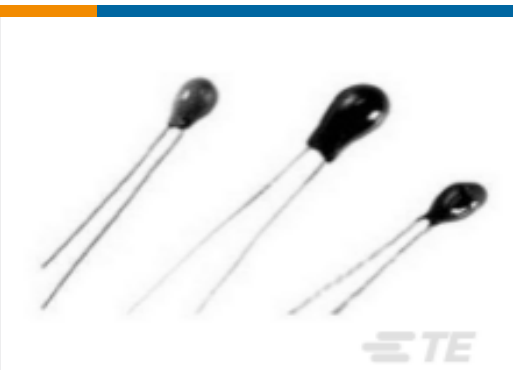
TE Part #9-1879517-4  
CRGH1206 1% 47R 0.5W



TE Part #2825208-1  
VAL-U-LOK PIN 16AWG HCS SN LP



TE Part #2825209-1  
VAL-U-LOK SKT 16AWG HCS SN LP



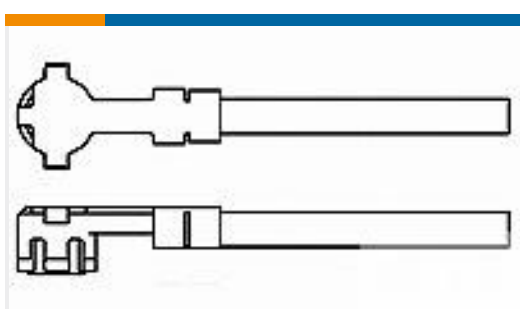
TE Part #11026199-00  
44031RC, THERM, ROHS



TE Part #CB5316-000  
SST-30-04/226



TE Part #625160-000  
D-110-41



TE Part #1064540-1  
9960 2305 24

### Documents

#### Datasheets & Catalog Pages

[Model 55000 Series Datasheet](#)

English

[Model 55031 Datasheet](#)

English