



MEAS

TE Internal #: R-12167-21

TE Internal Description: TC,MICRO,BIFILAR,T,44AWG,71.0L,  
POLYMER

Micro-Thermocouple, Model 60x

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Sensors > Temperature Sensors > Thermocouple Sensors > Micro-Thermocouple, Model 60x



Thermocouple Type: T

Thermocouple Sensor Package: Spool

Model Number: 605-T-44-PE-71.0-SP

[All Micro-Thermocouple, Model 60x \(4\)](#)

Features

Product Type Features

Wire/Cladding Type	Polyesterimide
Thermocouple Type	T
Model Number	605-T-44-PE-71.0-SP

Dimensions

Length	1800 mm[71 in]
Diameter	.25 mm[.01 in]
Wire Length	1800 mm[71 in]
Width	.15 mm[.006 in]
Height	.08 mm[.003 in]

Usage Conditions

Ambient Temperature Range	-40 – 180 °C[-40 – 360 °F]
Error Limits/T-Accuracy	Special Error Limits +/-0.5C

Packaging Features

Thermocouple Sensor Package	Spool
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Other

Junction Grounding	Ungrounded
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## 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 2022 (224) 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



## Documents

### Datasheets & Catalog Pages

[TESS-ANDO-408-000027](#)

English