

50845-1 ✓ ACTIVE

STRATO-THERM

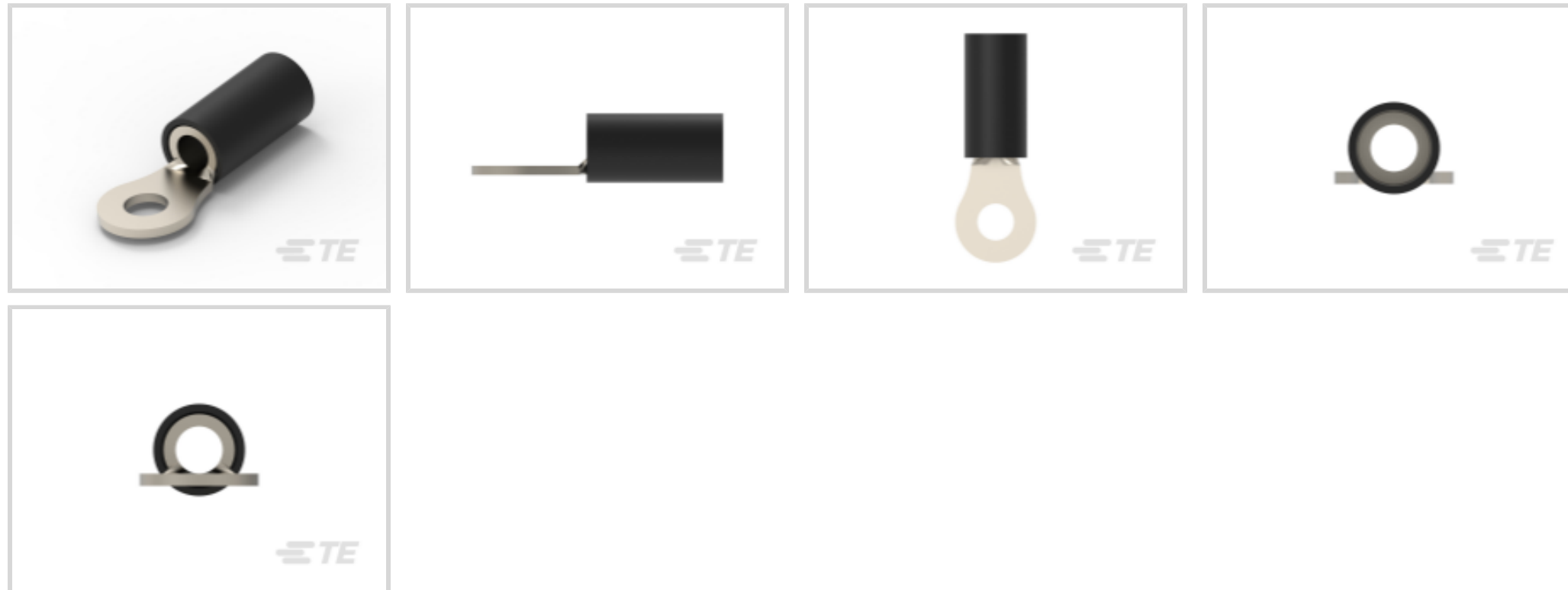
TE Internal #: 50845-1

Closed Ring Tongue Terminal, 12 – 10 AWG, #8 / M4 Stud Size, 4.34 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Nickel, STRATO-THERM

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | #8, M4 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Dimensions

| | |
|--------------------------------------|---------------------------------|
| Wire Size | 5180 – 13100 CMA |
| Stud Diameter | 4.34 mm [.171 in] |
| Tongue Thickness | .79 mm [.031 in] |
| Product Length | 27.51 mm [1.083 in] |
| Compatible Insulation Diameter (Max) | 5.44 mm [.214 in] |
| Compatible Insulation Diameter Range | 2.59 – 5.44 mm [.102 – .214 in] |

Contact Features

| | |
|---------------------------|----------|
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Nickel |



Usage Conditions

| | |
|-----------------------------|---------------------|
| Insulation Option | Partially Insulated |
| Operating Temperature Range | 288 °C[550 °F] |

Packaging Features

| | |
|--------------------|-------------|
| Packaging Method | Loose Piece |
| Packaging Quantity | 500 |

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

Configuration Features

| | |
|-----------------|---|
| Number of Holes | 1 |
|-----------------|---|

Electrical Characteristics

| | |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

Body Features

| | |
|----------------|---------|
| Product Weight | 2.828 g |
|----------------|---------|

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Industry Standards

| | |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

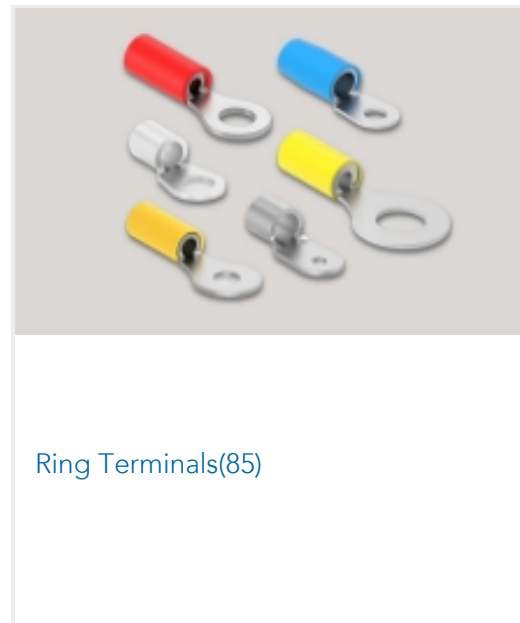
Product Compliance Disclaimer

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>

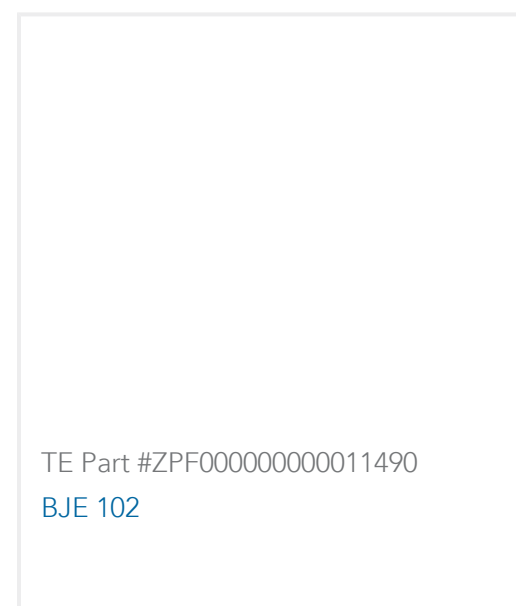
Compatible Parts

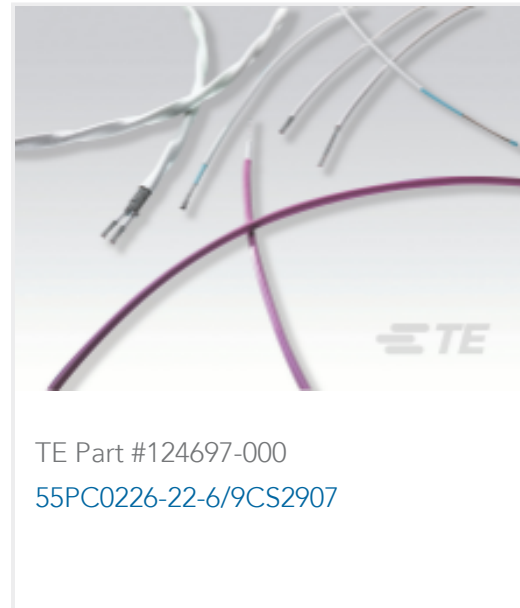


Also in the Series | STRATO-THERM



Customers Also Bought





Documents

Product Drawings

[TERMINAL,PIDG PTFE R 12-10 8](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_50845-1_K.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_50845-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_50845-1_K.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English