

1577629-1 ✓ ACTIVE



STRATO-THERM

TE Internal #: 1577629-1

Ring Terminals & Spade Terminals, Ring Tongue, 20 AWG Wire Size, .518 mm² Wire Size, 509 – 3260 CMA Wire Size, Stud Size 3/8, STRATO-THERM

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **509 – 3260 CMA**

Stud Size: **3/8**

Features

Product Type Features

| | |
|--|------------------------|
| Stud Size | 3/8 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Configuration Features

| | |
|-----------------|-------|
| Number of Holes | 1 |
| Terminal Angle | 180 ° |

Electrical Characteristics

| | |
|----------------|-----|
| Current Rating | 1 A |
|----------------|-----|

Body Features

| | |
|-------------------------|------|
| Insulation Sleeve Color | Gray |
|-------------------------|------|

Contact Features

| | |
|----------------------------|-------------|
| Ring & Spade Terminal Type | Ring Tongue |
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Nickel |

Mechanical Attachment

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

Dimensions

| | |
|--------------------------------|------------------|
| Wire Insulation Diameter (Min) | 1.14 mm[.044 in] |
|--------------------------------|------------------|



| | |
|--|-------------------------------|
| Wire Size | 509 – 3260 CMA |
| Stud Diameter | 9.92 mm[.39 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Overall Product Length | 28.3 mm[1.114 in] |
| Accepts Wire Insulation Diameter (Max) | 2.03 mm[.08 in] |
| Accepts Wire Insulation Diameter Range | 1.14 – 2.03 mm[.045 – .08 in] |

Usage Conditions

| | |
|-----------------------------|---------------------|
| Insulation Option | Partially Insulated |
| Operating Temperature Range | 260 °C[500 °F] |

Operation/Application

| | |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

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

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 500 |
| Packaging Method | Bag |

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 2022 (224) Candidate List Declared Against: JAN 2019 (197) 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 applicable for solder process capability |

Product Compliance Disclaimer

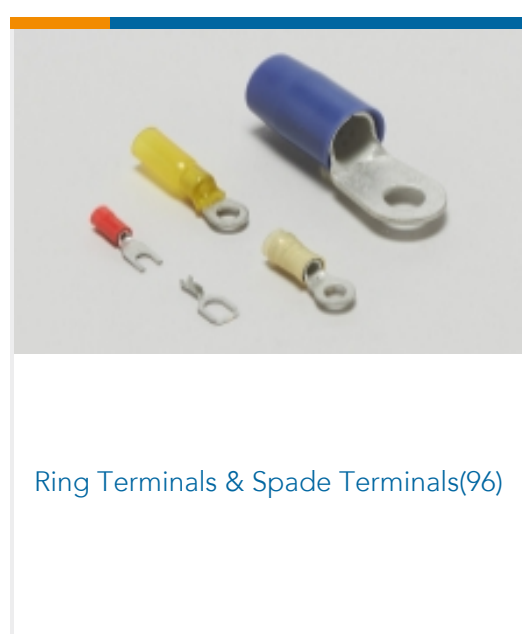
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Documents

Product Drawings

[TERMINAL RT PIDG PEEK STRATO 20 AWG](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1577629-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1577629-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1577629-1_B.3d_stp.zip](#)

English



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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English