



Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **13100 – 20800 CMA**

Stud Size: **5/16, M8**

Features

Product Type Features

|                                        |                        |
|----------------------------------------|------------------------|
| Shape Description                      | RING-048               |
| Stud Size                              | 5/16, M8               |
| Sealable                               | No                     |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Configuration Features

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

Body Features

|                  |         |
|------------------|---------|
| Inspection Slot  | No      |
| Weight per Piece | 4.196 g |

Contact Features

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

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|                        |                    |
|------------------------|--------------------|
| Wire Size              | 13100 – 20800 CMA  |
| Stud Diameter          | 7.92 mm[.312 in]   |
| Tongue Thickness       | 1.3 mm[.051 in]    |
| Overall Product Length | 27.28 mm[1.074 in] |
| Barrel Inside Diameter | 4.37 mm[.172 in]   |

Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Insulation Option           | Uninsulated    |
| Operating Temperature Range | 170 °C[338 °F] |

Operation/Application

|                                       |        |
|---------------------------------------|--------|
| Compatible With Wire Base Material    | Copper |
| Compatible With Wire Plating Material | Tin    |
| Heavy Duty                            | No     |

Industry Standards

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 100         |
| Packaging Method   | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

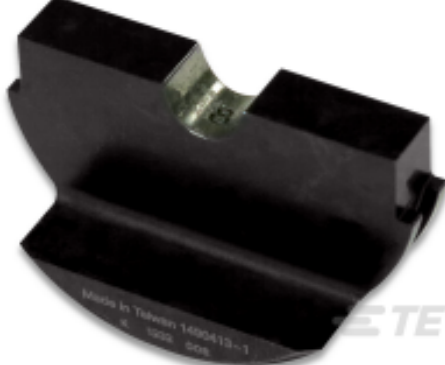
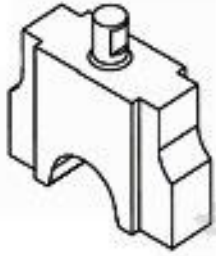
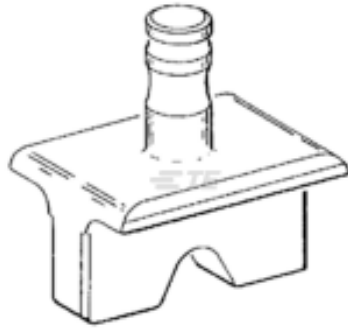
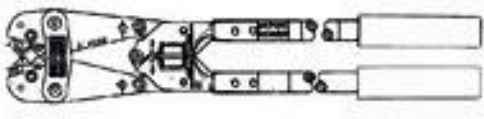
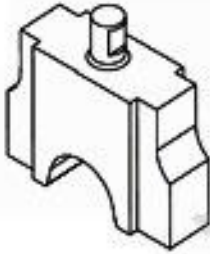
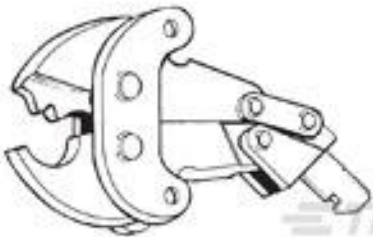
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JUNE 2022 (224)<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 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

|                                                                                                                                        |                                                                                                                                                    |                                                                                                                                             |                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 601075<br/>BANTAM ROTA-CRIMP TOOL</p> |  <p>TE Part # 69355<br/>HHHT SOLIS SOLIS FLAG STRATO 8 ASSY</p> |  <p>TE Part # 1490413-1<br/>HYP10 SOLIS 8AWG NEST</p>  |  <p>TE Part # 1490414-1<br/>HYP10 SOLIS 8AWG INDENTER</p> |
|  <p>TE Part # 1901001-1<br/>NEST #8</p>             |  <p>TE Part # 48355<br/>HYP8 SOLIS 8AWG INDENTER</p>            |  <p>TE Part # 69216<br/>HYP8/10 SOLIS 8AWG DIE SET</p> |  <p>TE Part # 48126<br/>HYP8 SOLIS 8AWG NEST</p>          |
|  <p>TE Part # 600850<br/>ROTO-CRIMP TOOL (ASI)</p>  |  <p>TE Part # 69339<br/>HHHT SOLIS SOLIS FLAG STRATO 8 ASSY</p> |  <p>TE Part # 1901002-2<br/>INDENTER, SOLISTRAND</p>   |  <p>TE Part # 49956<br/>PNEUMATIC SOLIS STRATO 8 HEAD</p> |

Documents

Product Drawings  
TERMINAL,SOLIS R 8 5/16

English

CAD Files  
3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_31808\\_K.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_31808\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_31808\\_K.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_31808\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_31808\\_F.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_31808\\_F.2d\\_dxf.zip](#)

English

3D PDF

3D

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Datasheets & Catalog Pages

[SOLISTRAND - QRG](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English