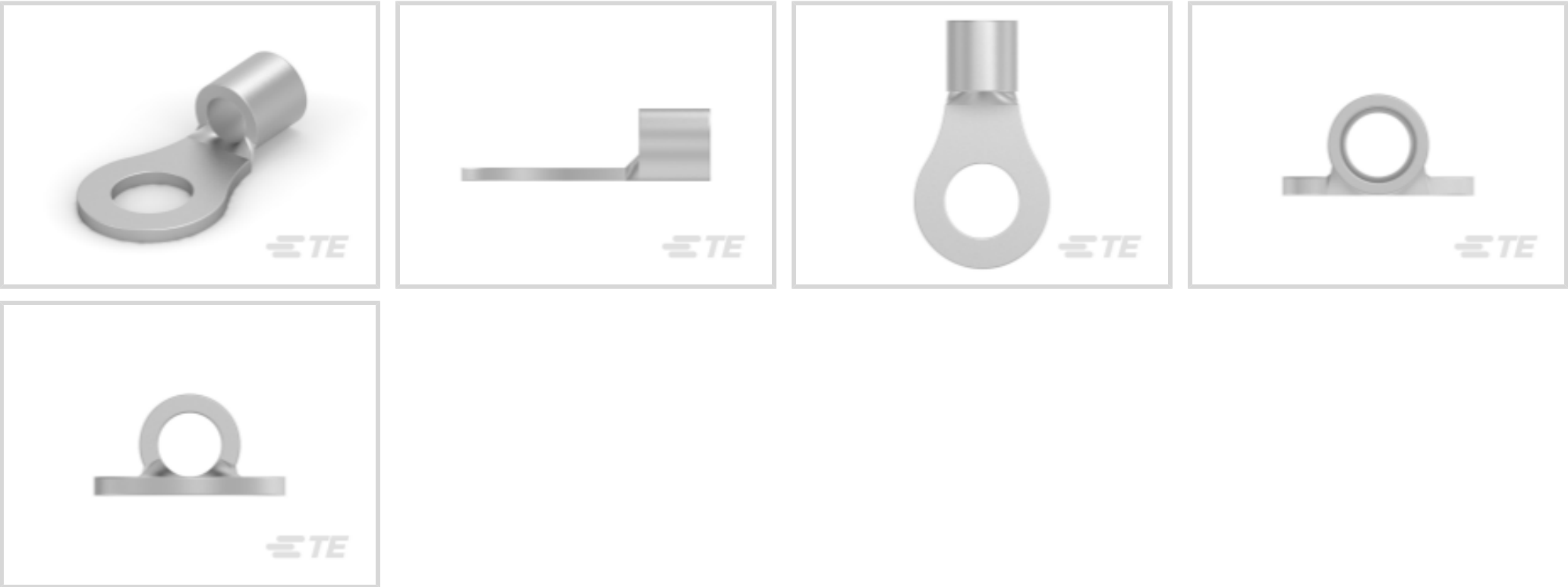




Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **2050 – 5180 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

|                                        |                        |
|----------------------------------------|------------------------|
| Shape Description                      | RING-048               |
| Stud Size                              | #8, M4                 |
| 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 | .6 g |

Contact Features

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



Mechanical Attachment

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

Dimensions

|                        |                  |
|------------------------|------------------|
| Wire Size              | 2050 – 5180 CMA  |
| Stud Diameter          | 4.34 mm[.171 in] |
| Tongue Thickness       | .79 mm[.031 in]  |
| Overall Product Length | 14.99 mm[.59 in] |
| Barrel Inside Diameter | 2.16 mm[.085 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 | 1000        |
| 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



TE Part # 58545-1  
SOLISTRAND 10-22 DIE ASSY



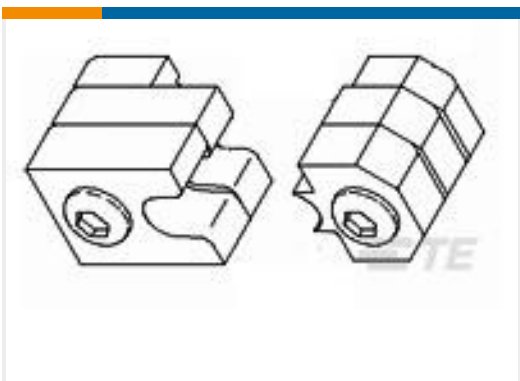
TE Part # 49935  
DAHT SOLIS 22-10 ASSY



TE Part # 58546-1  
PC 22-10 SOLISSPICE SPL I SHT



TE Part # 58545-3  
SDE DIE ASSY. 22-10 SOLISTRAND



TE Part # 47813  
DIES SOLIS 16-14 DIE SET



TE Part # 539662-2  
MATR SOLISTR 0,3-6,



TE Part # 169400  
CERTI-LOK FRAME W/O DIES

Documents

Product Drawings  
TERMINAL,SOLIS R 16-14 8

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_324955\_G.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_324955\_G.3d\_igs.zip





English

Customer View Model

[ENG\\_CVM\\_CVM\\_324955\\_G.3d\\_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG\\_CVM\\_324955\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_324955\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_324955\\_C.2d\\_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English