



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **1624 – 4106 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Shape Description                      | Square Spade       |
| Stud Size                              | #8, M4             |
| Sealable                               | No                 |
| Compatible With Discrete Wire Type     | Stranded           |
| Wire Insulation Support Retention Type | Insulation Support |

Contact Features

|                               |                       |
|-------------------------------|-----------------------|
| Contact Base Material         | Brass                 |
| Spade Terminal Type           | Spade Tongue Terminal |
| Barrel Type                   | Open                  |
| Terminal Orientation          | Straight              |
| Terminal Plating Material     | Tin                   |
| Contact Underplating Material | None                  |

Mechanical Attachment

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

Dimensions

|  |       |
|--|-------|
|  | .1 in |
|--|-------|



|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Wire Size                            | 1624 – 4106 CMA                   |
| Stud Diameter                        | 4.17 mm[.164 in]                  |
| Tongue Thickness                     | .46 mm[.018 in]                   |
| Product Length                       | 20.32 mm[.8 in]                   |
| Barrel Inside Diameter               | 1.65 mm, 3.04 mm[.065 in][.12 in] |
| Compatible Insulation Diameter (Max) | 3.56 mm[.14 in]                   |
| Compatible Insulation Diameter Range | 2.54 – 3.56 mm[.1 – .14 in]       |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Industry Standards

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 12000      |
| Packaging Method   | Strip/Reel |

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)<br>Candidate List Declared Against: JUNE 2024 (241)<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 # 61498-2  
SPADE 28-22 AWG .0157 X .310 TPBR

TE Part # 60998-1  
SPADE 16-14 AWG .0305 X .955 TPCU

TE Part # 7-2150380-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-110F160F

TE Part # 2150380-1  
OCEAN\_2.0\_APPLICATOR-E-110F160F-REM

TE Part # 2150380-2  
OCEAN\_2.0\_APPLICATOR-E-110F160FA-REA

TE Part # 2150575-1  
OCEAN\_2.0\_APPLICATOR-E-110F160F-REM

TE Part # 2150575-2  
OCEAN\_2.0\_APPLICATOR-E-110F160F-REA

TE Part # 60998-2  
TERM SPADE IS 16-14 0305 TPCU

TE Part # 7-2150575-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-110F160F

Customers Also Bought

TE Part #DT04-12PA-E005  
REC, 12P, BLK, N, CAP, A

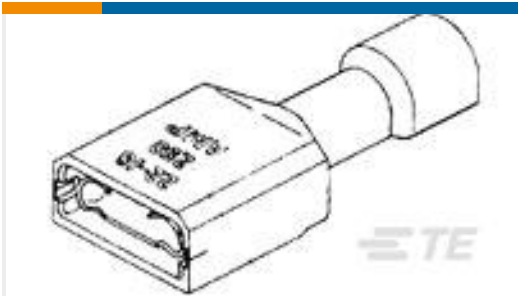
TE Part #36923  
TERMINAL,SOLIS R 2/0 3/8

TE Part #535043-4  
09% EURO TYPE C RECEPT ST ASSY

TE Part #794912-1  
6 POS UMNL CIR CAP HSG



TE Part #42751-2  
RING CRIMP 16-14 AWG TPBR



TE Part #3-520116-2  
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



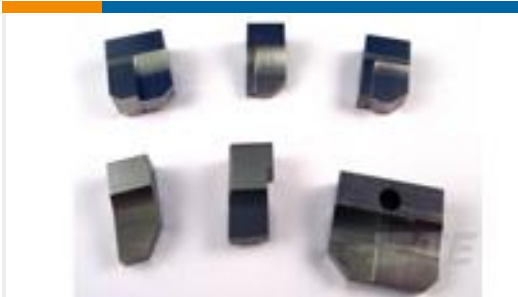
TE Part #794911-1  
6 POS UMNLCIR PLUG HSG



TE Part #60771-2  
RING CRIMP 18-14 AWG TPBR



TE Part #41333  
RING 18-14 AWG TPBR



TE Part #454709-1  
ANVIL INSERT

Documents

Product Drawings

SPADE TERMINAL 18-14 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_60774-2\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_60774-2\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_60774-2\_K.3d\_stp.zip

English

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Product Specifications

Engineering Report

English