



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **404 – 1021 CMA**

Stud Size: **#10**

Features

Dimensions

|                                      |                                   |
|--------------------------------------|-----------------------------------|
|                                      | .048 in                           |
| Wire Size                            | 404 – 1021 CMA                    |
| Stud Diameter                        | 4.82 mm[.19 in]                   |
| Tongue Thickness                     | .36 mm[.014 in]                   |
| Product Length                       | 14.99 mm[.59 in]                  |
| Barrel Inside Diameter               | .89 mm, 1.65 mm[.035 in][.065 in] |
| Compatible Insulation Diameter (Max) | 1.98 mm[.078 in]                  |
| Compatible Insulation Diameter Range | 1.22 – 1.98 mm[.048 – .078 in]    |

Contact Features

|                               |                       |
|-------------------------------|-----------------------|
| Spade Terminal Type           | Spade Tongue Terminal |
| Barrel Type                   | Open                  |
| Terminal Orientation          | Straight              |
| Terminal Plating Material     | Tin                   |
| Contact Underplating Material | Nickel                |
| Contact Base Material         | Brass                 |

Product Type Features

|           |     |
|-----------|-----|
| Stud Size | #10 |
|-----------|-----|



|                                        |                    |
|----------------------------------------|--------------------|
| Sealable                               | No                 |
| Compatible With Discrete Wire Type     | Stranded           |
| Wire Insulation Support Retention Type | Insulation Support |
| Shape Description                      | Square Spade       |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -65 – 150 °C[-85 – 302 °F] |

Operation/Application

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Method   | Strip/Reel |
| Packaging Quantity | 20000      |

Other

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

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)<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 # 2150879-1  
OCEAN\_2.0\_Applicator-E-062F100F-REM



TE Part # 2150879-2  
OCEAN\_2.0\_Applicator-E-062F100F-REA



TE Part # 7-2150879-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F100F

Customers Also Bought



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #W2S  
Wedgelocks: DEUTSCH DT



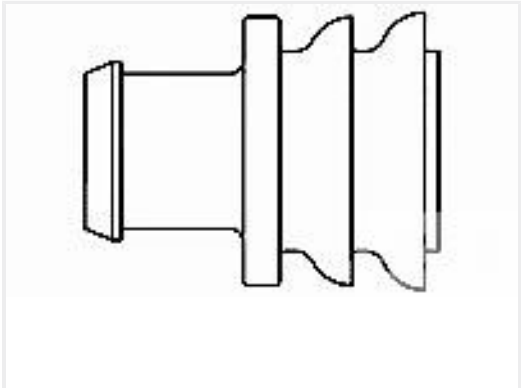
TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings  
SPADE CRIMP 24-20 AWG TPBR  
English



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_60501-1\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_60501-1\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_60501-1\_L.3d\_stp.zip

English

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Product Specifications

Engineering Report

English