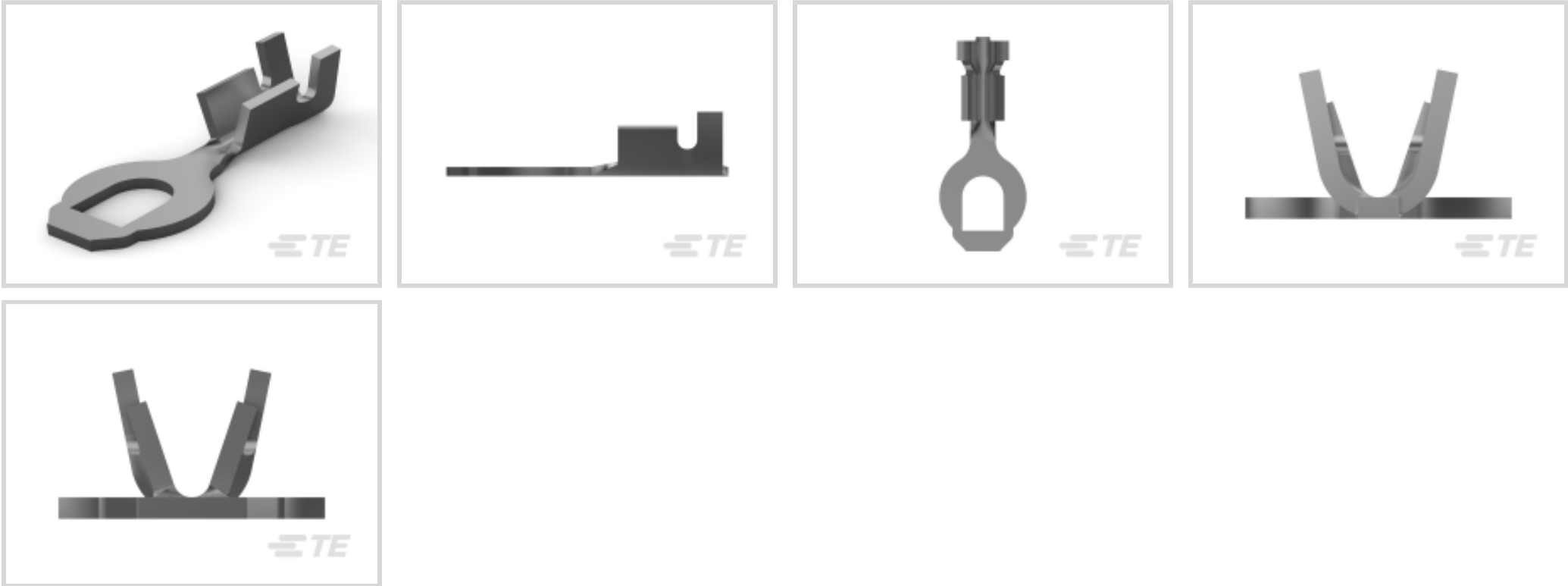




TE Internal #: 61238-1  
Spade Tongue Terminal, 24 – 20 AWG, #4 / M2.5 Stud, 2.84 mm [.112 in] Stud Diameter, Open Barrel, Straight, Tin Plating, Uninsulated  
[View on TE.com >](#)

Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**  
Wire Size: **404 – 1021 CMA**  
Stud Size: **#4, M2.5**

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Shape Description                      | Round Spade        |
| Stud Size                              | #4, M2.5           |
| 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 | Nickel                |

Mechanical Attachment

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

Dimensions

|  |         |
|--|---------|
|  | .075 in |
|--|---------|



|                                      |                                  |
|--------------------------------------|----------------------------------|
| Wire Size                            | 404 – 1021 CMA                   |
| Stud Diameter                        | 2.84 mm[.112 in]                 |
| Tongue Thickness                     | .51 mm[.02 in]                   |
| Product Length                       | 13.72 mm[.54 in]                 |
| Barrel Inside Diameter               | .89 mm, 1.9 mm[.035 in][.075 in] |
| Compatible Insulation Diameter (Max) | 2.54 mm[.1 in]                   |
| Compatible Insulation Diameter Range | 1.9 – 2.54 mm[.075 – .1 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 | 10000      |
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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 # 1217160-1  
OPEN BARREL RING PHOS BRZ



TE Part # 41589  
SPADE TERMINAL 24-20 AWG TPBR



TE Part # 63797-1  
RING 22-18 AWG TPBR



TE Part # 41580  
RING TERMINAL 24-20 AWG TPBR



TE Part # 42164-2  
RING TERMINAL 24-20 AWG TPBR



TE Part # 40808  
SPADE TERMINAL 18-14 AWG TPBR



TE Part # 63721-1  
RING 24-20 AWG TPBR



TE Part # 42168-2  
SPRING SPADE TERMINAL 18-14 AWG TPBR



TE Part # 41579  
RING IS 24-20 4 .020TPBR



TE Part # 41581  
RT .171 DIA TERMINAL 24-20 AWG TPBR

Customers Also Bought



TE Part #644999-1  
15P MTA156 HD ASY FL RN SN WO4



TE Part #2-1546685-3  
6DBL-02-1391=6DBL ASSEMBLY



TE Part #535541-7  
09 MODIV VRT SR CE 100/115



TE Part #CAT-103156-WBHS  
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156





Documents

Product Drawings

SPADE CRIMP 24-20 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_61238-1\_D\_c-61238-1-d.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_61238-1\_D\_c-61238-1-d.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_61238-1\_D\_c-61238-1-d.3d\_stp.zip

English

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

Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English