

PLASTI-GRIP

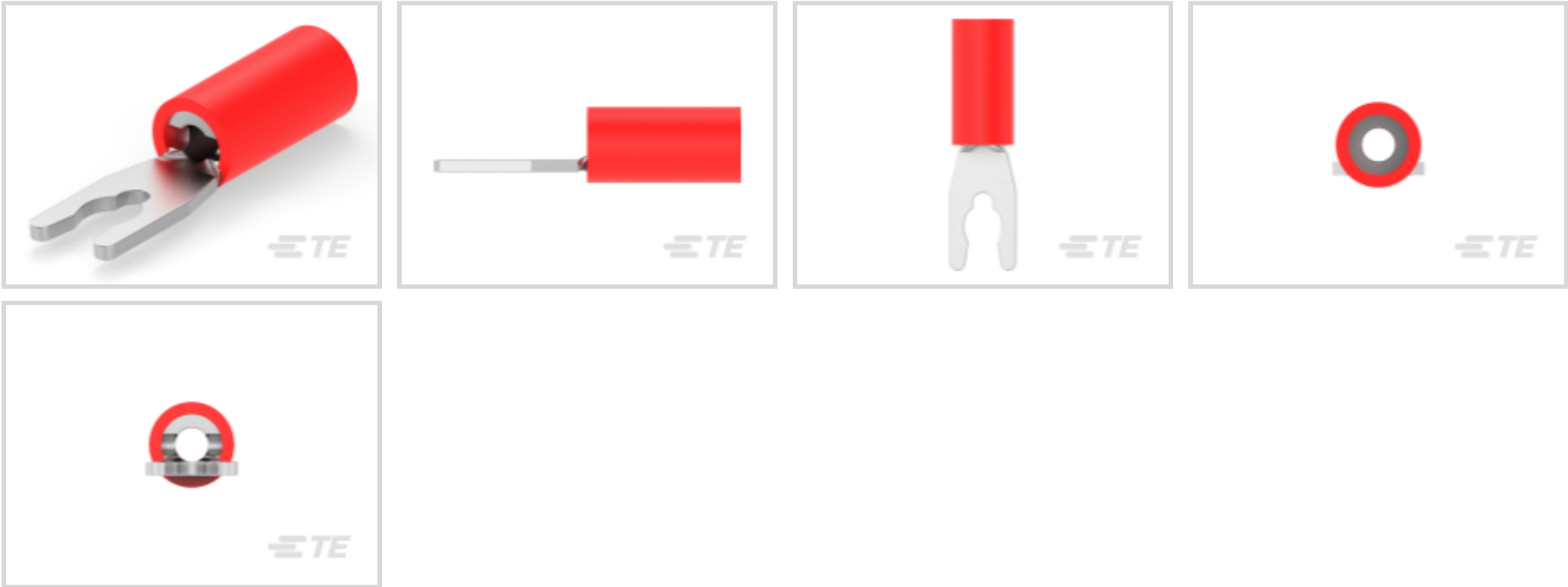
TE Internal #: 8-52947-1

Spring Spade Terminal, 22 – 16 AWG, #4 / M2.5 Stud, 2.84 mm [.112 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#4, M2.5**

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Stud Size                              | #4, M2.5           |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

|                         |     |
|-------------------------|-----|
| Insulation Sleeve Color | Red |
| Stripe Color            | Red |

Contact Features

|                           |                       |
|---------------------------|-----------------------|
| Spade Terminal Type       | Spring Spade Terminal |
| Barrel Type               | Closed                |
| Terminal Orientation      | Straight              |
| Terminal Plating Material | Tin                   |

Mechanical Attachment

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



Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 509 – 3260 CMA                |
| Stud Diameter                        | 2.84 mm[.112 in]              |
| Tongue Thickness                     | .84 mm[.033 in]               |
| Product Length                       | 20.6 mm[.811 in]              |
| Compatible Insulation Diameter (Max) | 3.56 mm[.14 in]               |
| Compatible Insulation Diameter Range | 2.67 – 3.56 mm[.105 – .14 in] |

Usage Conditions

|                             |                       |
|-----------------------------|-----------------------|
| Insulation Option           | Partially Insulated   |
| Operating Temperature Range | 0 – 90 °C[0 – 194 °F] |

Operation/Application

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

Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| 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 # 169404  
CERTI-LOK DIE



TE Part # 58423-1  
DIE, RBY IS9252



TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



TE Part # 58433-3  
PRO CR ASSY, RBY IS9252

Also in the Series | PLASTI-GRIP



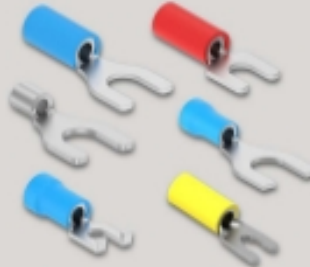
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

Customers Also Bought





TE Part #U5254-000005-030PA  
[PRESS XDCR U5254-000005-030PA](#)



TE Part #171638-1  
[MINI U-M-N-L PIN CONT. L.P](#)



TE Part #171639-1  
[MINI U-M-N-L SOCKET L.P](#)



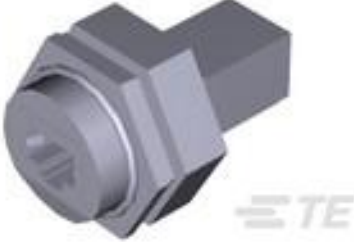
TE Part #172330-1  
[MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P](#)



TE Part #172338-1  
[MINI UMNL PLUG HOUSING 4P](#)



TE Part #320773  
[PIDG R 22-16 COMM 22-18 MIL 2](#)



TE Part #1546413-3  
[ETHERNET RJ-45 BLKHD PASSTHRU](#)



TE Part #2-6609028-0  
[30VK6=F7358 S0](#)



TE Part #6609104-7  
[PE0SSSX0=C1132](#)



TE Part #1-6609130-3  
[5EHM1S=F8115](#)

Documents

Product Drawings

[PG SP SPD 22-16COMM 22-18MIL 4](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-52947-1\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-52947-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-52947-1\\_G.3d\\_stp.zip](#)

English

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

Product Specifications



Application Specification

English

Instruction Sheets

AMP\* PIDG\* (VINYL) & PLASTI-GRIP\* SHORT SPRING SPADE TERMINALS FOR BAR

English

Instruction Sheet (U.S.)

English