

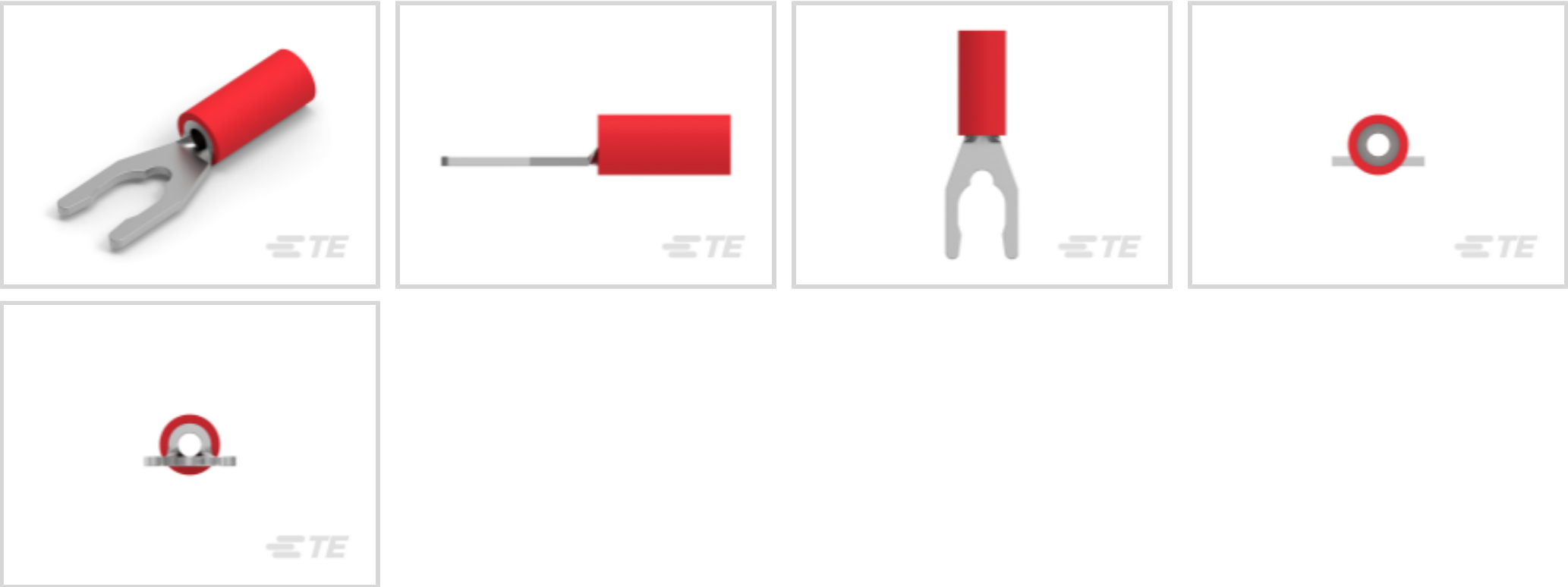


PLASTI-GRIP

TE Internal #: 53242-1  
Spring Spade Terminal, 22 – 16 AWG, #10 Stud, 4.83 mm [.19 in]  
Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially  
Insulated, PLASTI-GRIP

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**  
Wire Size: **509 – 3260 CMA**  
Stud Size: **#10**

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Stud Size                              | #10                |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

|                |               |
|----------------|---------------|
| Voltage Rating | 1000 V, 600 V |
|----------------|---------------|

Body Features

|                         |        |
|-------------------------|--------|
| Product Weight          | .155 g |
| 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                        | 4.83 mm[.19 in]               |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 23.37 mm[.92 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 |
|-------------------|---------------------|

Operation/Application

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

Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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

|                                                                |                                                  |                                                                |                                                  |
|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|
| <br>TE Part # 2392021-1<br>RED BATTERY DAHT KIT 110V (47689-4) | <br>TE Part # 539691-2<br>ERGO DIE R.B.Y         | <br>TE Part # 169404<br>CERTI-LOK DIE                          | <br>TE Part # 2063030-1<br>SDE DIESET, RBY, UL   |
| <br>TE Part # 525690<br>DAHT PG PIDG 20-18 ASSY                | <br>TE Part # 59300<br>T-HEAD PIDG PG 26-16 ASSY | <br>TE Part # 59824-1<br>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY | <br>TE Part # 47806-2<br>DIES PIDG 22-16 DIE SET |
| <br>TE Part # 2392021-2<br>RED BATTERY DAHT KIT 220V (47689-4) | <br>TE Part # 47386-4<br>DAHT PG PIDG 26-16 ASSY | <br>TE Part # 58423-1<br>DIE, RBY IS9252                       | <br>TE Part # 47386<br>DAHT PG PIDG 26-16 ASSY   |
| <br>TE Part # 58433-3<br>PRO CR ASSY, RBY IS9252               | <br>TE Part # 169400<br>CERTI-LOK FRAME W/O DIES | <br>TE Part # 59250<br>T-HEAD PIDG 26-14 ASSY                  |                                                  |



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 #52927-1<br>PIDG SP SPD 22-16COMM22-18MIL4   | TE Part #8-1437652-5<br>6PCV-05-1267=W/PP            | TE Part #1437653-7<br>6PCV-07-006=6PCV ASSEMBLY | TE Part #42452-1<br>187 FASTON REC 20-16 AWG BR   |
|                                                      |                                                      |                                                 |                                                   |
| TE Part #41900<br>SPLC AMVAR 3000-7000 020TPBR       | TE Part #035377P004<br>ES1000-NO.3-B8-X-STK          | TE Part #2-34120-1<br>TERMINAL,SOLIS R 16-14 6  | TE Part #6-1546158-3<br>6PCV-11-008=6PCV ASSEMBLY |
|                                                      |                                                      |                                                 |                                                   |
| TE Part #5-102618-9<br>22 MODII HDR DRST SHRD .100CL | TE Part #5-103168-9<br>22 MODII HDR DRST SHRD .100CL |                                                 |                                                   |



Documents

Product Drawings

PG SPR SPD 22-16COM22-18MIL 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_53242-1\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_53242-1\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_53242-1\_J.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_53242-1\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_53242-1\_K.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_53242-1\_K.2d\_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English