# 52950 ✔ ACTIVE

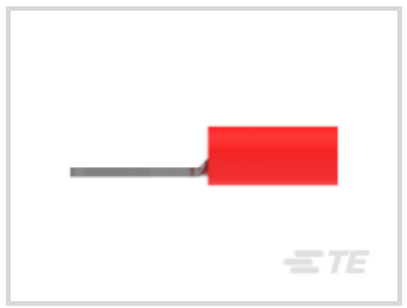
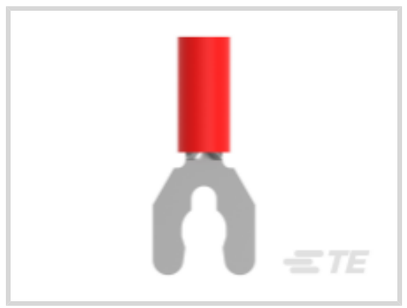
PLASTI-GRIP

TE Internal #: 52950

Spring Spade Terminal, 22 – 16 AWG, #8 / M4 Stud, 4.17 mm [.164 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: **#8, M4**

## Features

### Product Type Features

| | |
|---|---|
| Stud Size | #8, M4 |
| 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 | 4.17 mm[.164 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Product Length | 22.15 mm[.872 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 – 105 °C[0 – 221 °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 | 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: 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 # 2063030-1
SDE DIESET, RBY, UL

TE Part # 2392021-1
RED BATTERY DAHT KIT 110V (47689-4 )



TE Part # 169404
CERTI-LOK DIE



TE Part # 539691-2
ERGO DIE R.B.Y



TE Part # 169400
CERTI-LOK FRAME W/O DIES



TE Part # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY




TE Part # 525690
DAHT PG PIDG 20-18 ASSY



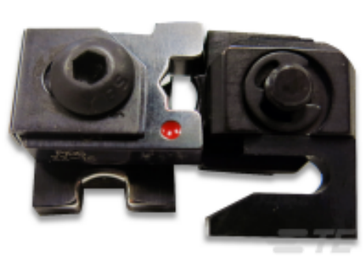
TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY




TE Part # 47386
DAHT PG PIDG 26-16 ASSY



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



TE Part # 47806-2
DIES PIDG 22-16 DIE SET




TE Part # 47386-4
DAHT PG PIDG 26-16 ASSY

TE Part # 2392021-2
RED BATTERY DAHT KIT 220V (47689-4 )

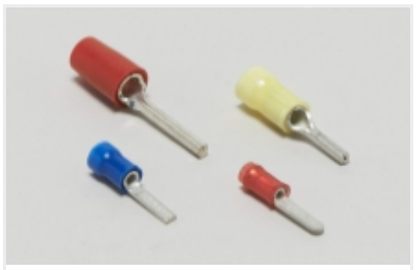



TE Part # 58423-1
DIE, RBY IS9252

## Also in the Series | PLASTI-GRIP



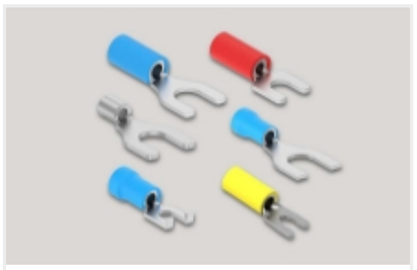
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

## Customers Also Bought



TE Part #CQ50423001
RAY-101-4.0(10)



TE Part #32060
TERMINAL,PIDG SPD 16-14 10



TE Part #150205-2
110 MINI FASTON,REC.,24-20 AWG, TPBR



TE Part #926476-3
MOD 4 HSG



TE Part #5-1478763-2
Metal backshell 15 way 45 Deg Entry-KIT



TE Part #9-1676123-9
1/2W SM M/OX 5% 10K



TE Part #6609047-3
15VT1=F7334 S0

TE Part #20010725-09
PRESS XDCR U535D-000005-150PG

TE Part #86522-000
FPS2011 PROXIMITY SENSOR

TE Part #86519-000
FPM102 PROXIMITY DEVICE

# Documents

## Product Drawings

PG SPR SPD 22-16COMM22-18MIL 8

English

## CAD Files

Customer View Model

ENG_CVM_CVM_52950_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52950_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52950_R.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

## Agency Approvals

UL Report

English

UL Report

English