

52955-3 ✓ ACTIVE

PLASTI-GRIP

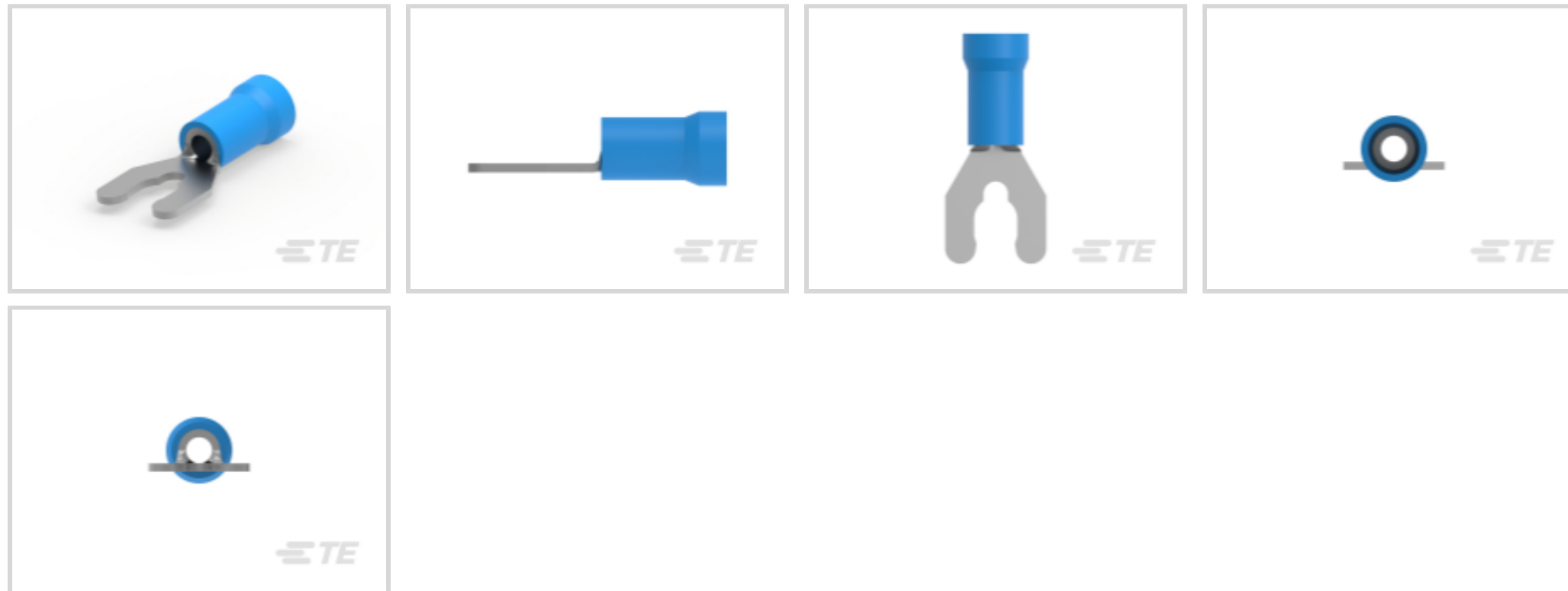
TE Internal #: 52955-3

Spring Spade Terminal, 16 – 14 AWG, #6 / M3.5 Stud Size, 3.56 mm [.14 in] Stud Diameter, Closed Barrel, Straight, Tin, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#6, M3.5**

### Features

#### Product Type Features

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Electrical Characteristics

Voltage Rating	600 V
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#### 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
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### Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	3.56 mm [.14 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	21.84 mm [.86 in]
Compatible Insulation Diameter (Max)	6.35 mm [.25 in]
Compatible Insulation Diameter Range	3.81 – 6.35 mm [.15 – .25 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C [221 °F]

### Operation/Application

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

### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	2500
Packaging Method	Tape Mounted

### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

TE Part # 47387  
DAHT PG PIDG 20-14 ASSY

TE Part # 58423-1  
DIE, RBY IS9252

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

TE Part # 47807-1  
DIES PIDG 16-14 DIE SET

TE Part # 1SET191001R0000  
CRIMP-HT

TE Part # 1SET191002R0000  
TET CRIMP-HT

TE Part # 169404  
CERTI-LOK DIE

## Also in the Series | PLASTI-GRIP

Compression Connectors(3)

Crimp Wire Pins, Tabs & Ferrules(25)

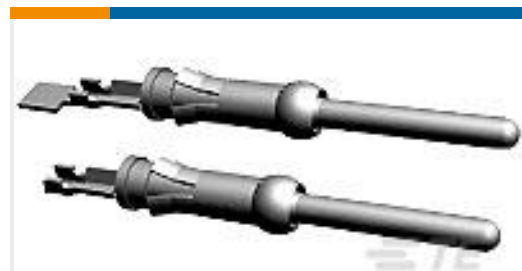
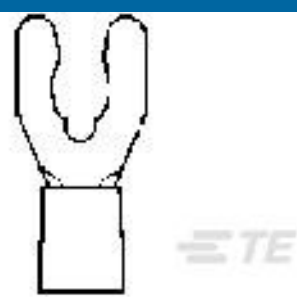
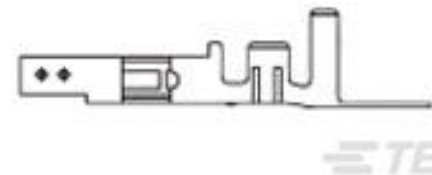
Ring Terminals(333)

Spade Terminals(198)



Splices(50)

## Customers Also Bought

TE Part #1-66359-4  
III+ PIN,18-14,TIN,STRIPTE Part #53240-2  
PG SP SPD 22-16COMM22-18MIL 6TE Part #794956-4  
VAL-U-LOK SKT PHBZ AU 22-18AWGTE Part #52856-1  
TERMINAL,PG SPD FLG 12-10 10TE Part #2-520128-2  
ULTRA-FAST 250 ASY REC 22-18 AWG  
TPBRTE Part #1-1986722-2  
STR PLUG SPRING TYPE LH 12P, 3.81  
mmTE Part #1986722-6  
STR PLUG SPRING TYPE LH 6P, 3.81  
mmTE Part #2-66740-0  
TYPE XII FEMALE CONT (STRIP)TE Part #640903-2  
RECEPT,PIDG FASTON 22-18 250

## Documents

### Product Drawings

[TERMINAL,PG SPR SPD 16-14 6](#)

English

### CAD Files

[3D PDF](#)

English

### Customer View Model

[ENG\\_CVM\\_52955-3\\_N1.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_52955-3\\_N1.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_52955-3\\_N1.2d\\_dxf.zip](#)

English

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_52955-3\\_U.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_52955-3\\_U.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_52955-3\\_U.3d\\_stp.zip](#)

English

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**Product Specifications**

**Application Specification**

English

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**Product Environmental Compliance**

[MD\\_52955-3\\_05042018847\\_dmtec](#)

English

[MD\\_52955-3\\_05042018847\\_dmtec](#)

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

[LARGE EXPANSION PRODUCTS \(FOR WIRE INSTULATION WITH 1/16" AND 5/64" WA](#)

English

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**Agency Approvals**

**UL Report**

English