

52949-1 ✓ ACTIVE

PLASTI-GRIP

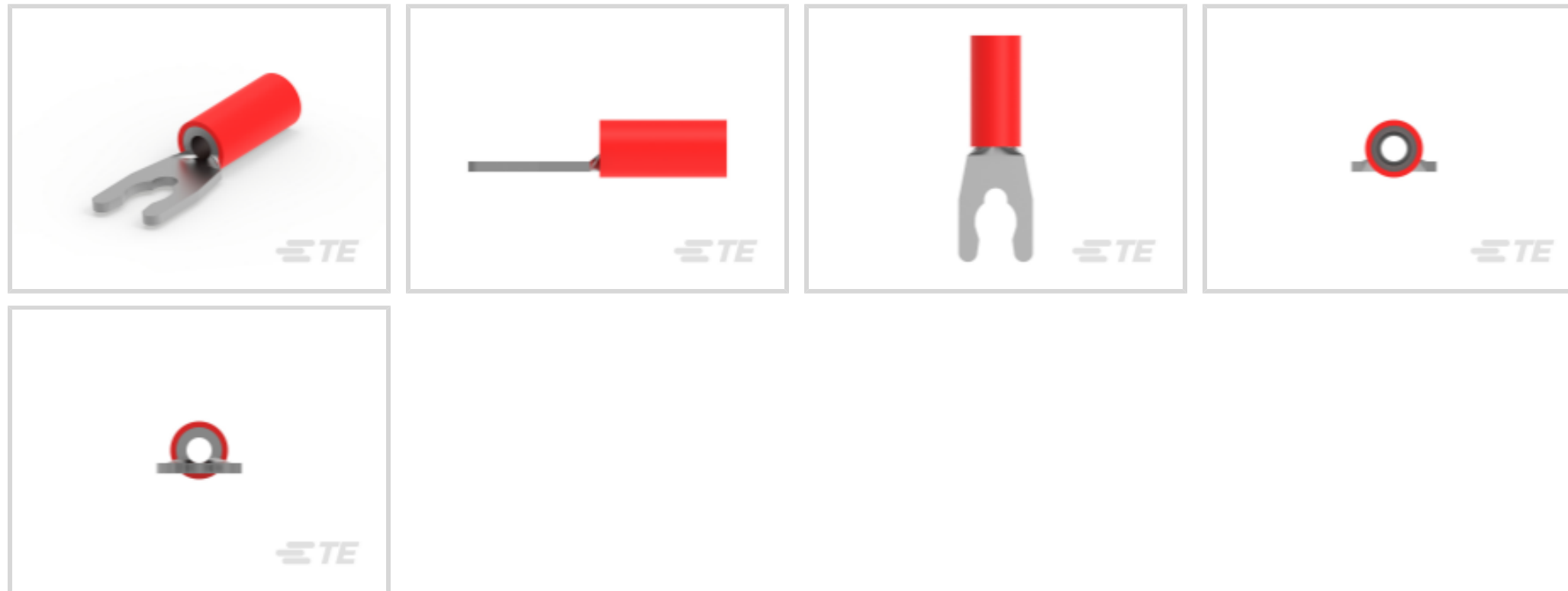
TE Internal #: 52949-1

Spring Spade Terminal, 22 – 16 AWG, #6 / M3.5 Stud, 3.56 mm [.14 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: **#6, M3.5**

Features

Mechanical Attachment

Wire Insulation Support	With
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Electrical Characteristics

Voltage Rating	600 V
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Industry Standards

Government Qualified Terminal	No
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Body Features

Insulation Sleeve Color	Red
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Stripe Color	Red
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Tape Mounted
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Product Type Features

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

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

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.56 mm [.14 in]
Tongue Thickness	.79 mm [.031 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
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Operation/Application

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 47806-2
DIES PIDG 22-16 DIE SET



TE Part # 47386
DAHT PG PIDG 26-16 ASSY



TE Part # 58423-1
DIE, RBY IS9252



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

Also in the Series | PLASTI-GRIP



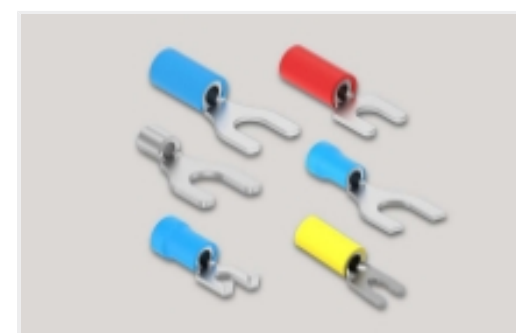
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(159)



Splices(45)

Customers Also Bought



TE Part #2-32952-1
PG R 22-16 COMM 22-18 MIL 10



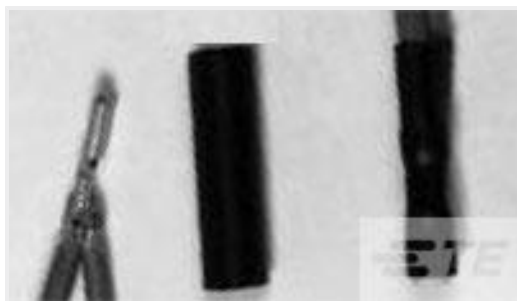
TE Part #1546671-2
2P .437" DR BARRIER,W/WIR CLMP



TE Part #52941-1
TERMINAL,PIDG SPR SPD 12-10 6



TE Part #60650-1
250 FASTON FLAG REC 18-14 AWG BR



TE Part #520197P042
RT-3-NO.2-0-2IN



TE Part #696050-2
PG 8 R 10, TAPE



TE Part #521282-2
ULTRA-POD 250 ASSY REC 18-14 AWG TPBR



TE Part #8-1474566-1
FSP-11A-6



TE Part #52949-3
PG SPR SPD 22-16COMM 22-18MIL6



TE Part #105035-000
DWP-125-1/4-0-1.5IN

Documents

Product Drawings

[PG SPR SPD 22-16COMM 22-18MIL6](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_52949-1_N1.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_52949-1_N1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_52949-1_N1.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_52949-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52949-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52949-1_T.3d_stp.zip](#)

English

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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