

52453-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 52453-1

Ring Terminals & Spade Terminals, Spring Spade, 22 – 16 AWG

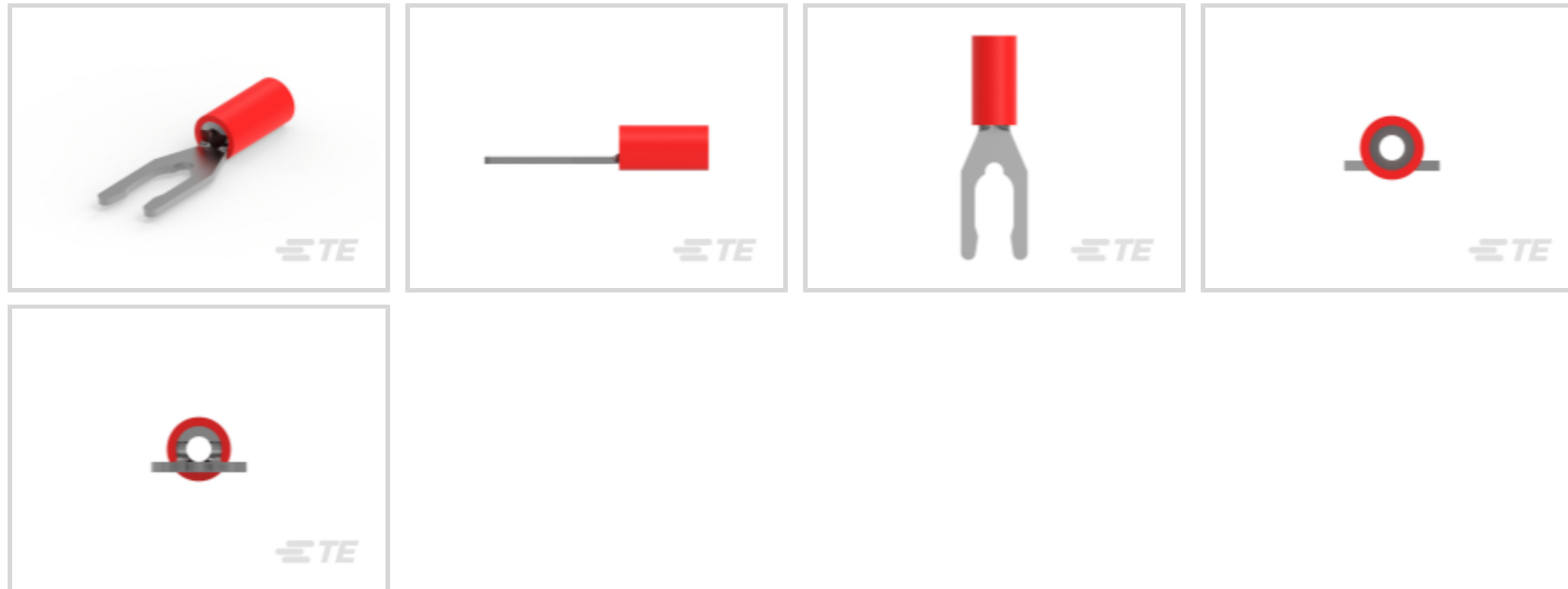
Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size,

PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Spring Spade**

Wire Size: **509 – 3260 CMA**

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

### Features

#### Product Type Features

Shape Description	SPADE-033
Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Configuration Features

Terminal Angle	180 °
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#### Electrical Characteristics

Voltage (Max)	600 V
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#### Body Features

Inspection Slot	No
Insulation Sleeve Color	Red
Stripe Color	Red

#### Contact Features

Ring & Spade Terminal Type	Spring Spade
Barrel Type	Closed



Terminal Orientation	Offset
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Terminal Plating Material	Tin
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 3260 CMA
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Stud Diameter	3.51 mm[.138 in]
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Tongue Thickness	.79 mm[.031 in]
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Overall Product Length	24 mm[.945 in]
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Accepts Wire Insulation Diameter (Max)	3.56 mm[.14 in]
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Accepts Wire Insulation Diameter Range	2.67 – 3.56 mm[.105 – .14 in]
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### Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C[221 °F]
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### Operation/Application

Compatible With Wire Base Material	Copper
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Compatible With Wire Plating Material	Tin
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Heavy Duty	No
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	5000
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Packaging Method	Tape Mounted
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223)
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SVHC > Threshold:  
Not Yet Reviewed

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 # 58433-3  
PRO CR ASSY, RBY IS9252



TE Part # 58423-1  
DIE, RBY IS9252




TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



TE Part # 169404  
CERTI-LOK DIE


## Also in the Series | PLASTI-GRIP




Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals & Spade Terminals(537)



Special Purpose Terminals(1)



Splices(49)

## Customers Also Bought



TE Part #3-643817-4  
04P MTA156 CONN ASSY 18AWG  
ORA



TE Part #5748677-1  
PLTD PLST CBL CLMP KIT,SZ 1



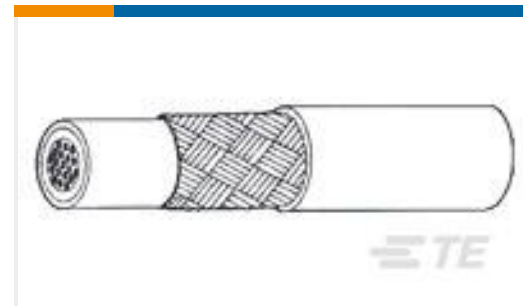
TE Part #747784-3  
AMPLI JACKSCREW 4-40 KIT



TE Part #200389-2  
GUIDE PIN KIT



TE Part #170725-2  
SOLIS RING



TE Part #3871873001  
44A1111-22-9-0



TE Part #543633P052  
SCT-NO.1-E6-0-65MM



TE Part #1599186-1  
HSG ASSY 76 POSN SOCKET CONT



TE Part #CD12243001  
FLCW0211-0.50-9(B011)

## Documents

### Product Drawings

[PG SPR SPD 22-16COMM22-18MIL 6](#)

English

### CAD Files

[3D PDF](#)

English

### Customer View Model

[ENG\\_CVM\\_52453-1\\_P.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_52453-1\\_P.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_52453-1\\_P.2d\\_dxf.zip](#)

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_52453-1\\_P.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52453-1\\_P.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52453-1\\_P.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_52453-1\\_09212017048\\_dmtec](#)

English

[MD\\_52453-1\\_09212017048\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English