

52453 ✓ ACTIVE

PLASTI-GRIP

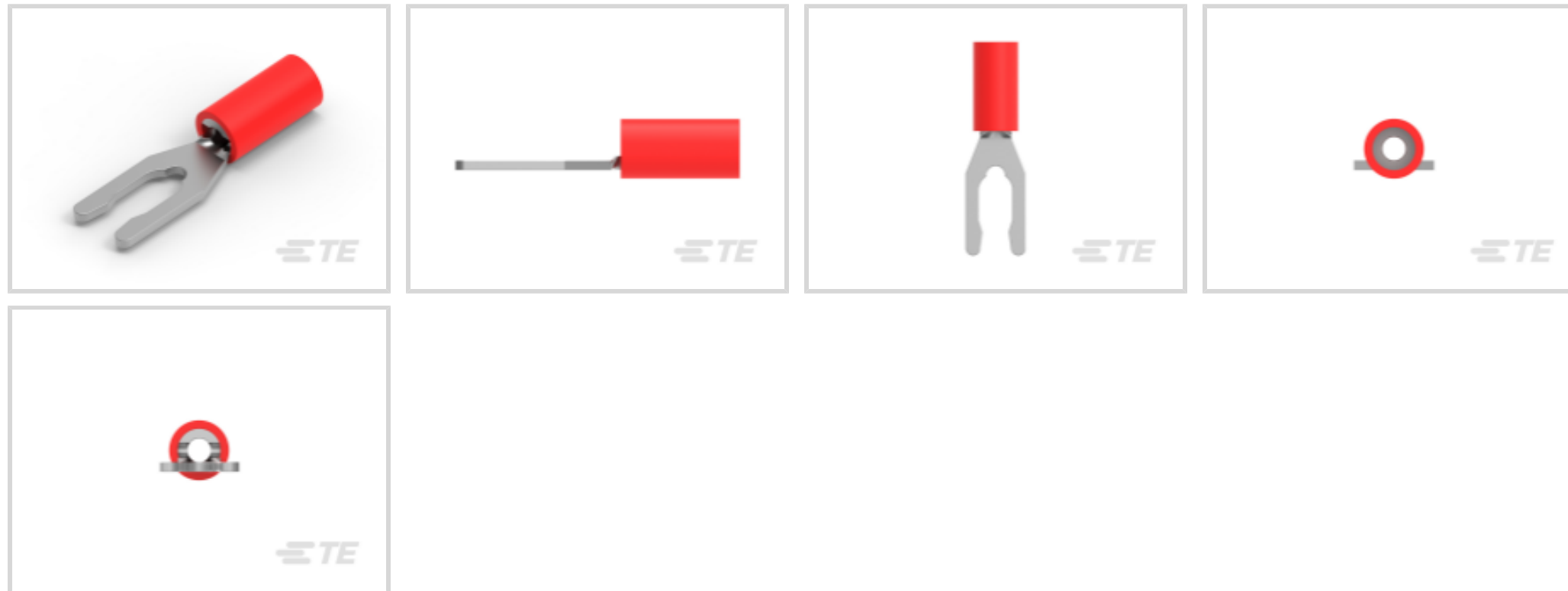
TE Internal #: 52453

Spring Spade Terminal, 22 – 16 AWG, #6 / M3.5 Stud Size, 3.51 mm [.138 in] Stud Diameter, Closed Barrel, Straight, Tin, PLASTI-GRIP

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 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	509 – 3260 CMA
Stud Diameter	3.51 mm [.138 in]
Tongue Thickness	1.07 mm [.042 in]
Product Length	24 mm [.945 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	90 °C [194 °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	1000
Packaging Method	Loose Piece

### Product Compliance









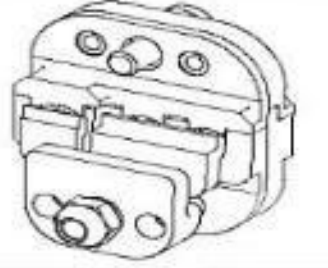
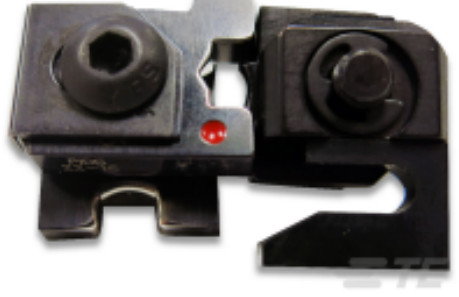




[For compliance documentation, visit the product page on TE.com>](#)

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 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

 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>REPRESENTATION ONLY</p> <p>TE Part # 47386 DAHT PG PIDG 26-16 ASSY</p>	 <p>REPRESENTATION ONLY</p> <p>TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY</p>	 <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p>
 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>REPRESENTATION ONLY</p> <p>TE Part # 525690 DAHT PG PIDG 20-18 ASSY</p>	 <p>TE Part # 539691-2 ERGO DIE R.B.Y</p>
 <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p>	 <p>TE Part # 47806-2 DIES PIDG 22-16 DIE SET</p>	 <p>TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY</p>	 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>
 <p>TE Part # 1SET191001R0000 CRIMP-HT</p>	 <p>TE Part # 1SET191002R0000 TET CRIMP-HT</p>	<p>TE Part # 2392021-2 RED BATTERY DAHT KIT 220V (47689-4)</p>	<p>TE Part # 2392021-1 RED BATTERY DAHT KIT 110V (47689-4)</p>



TE Part # 169404  
CERTI-LOK DIE

Also in the Series | **PLASTI-GRIP**



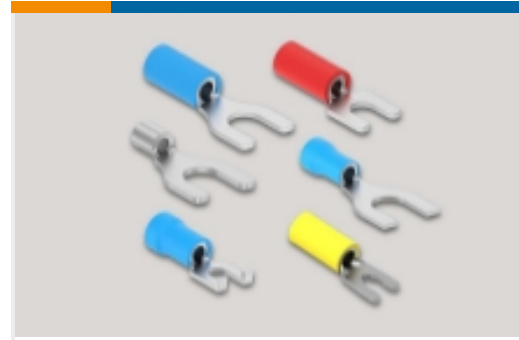
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)

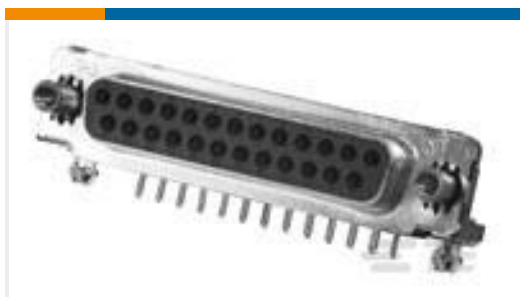


Spade Terminals(198)

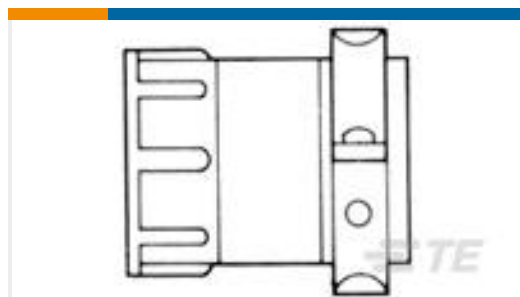


Splices(50)

Customers Also Bought



TE Part #5745783-4  
25 MSFL RCPT RA 318 (IN,FM)



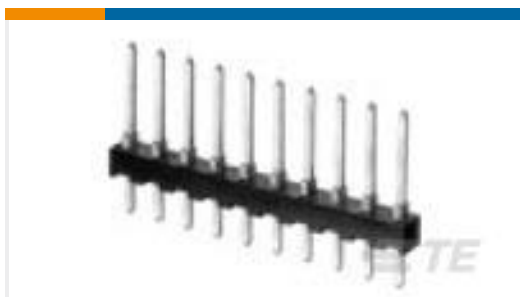
TE Part #207008-5  
CABLE CLAMP, SIZE 13



TE Part #66261-4  
MALE CONTACT ASSY. (L.P.)



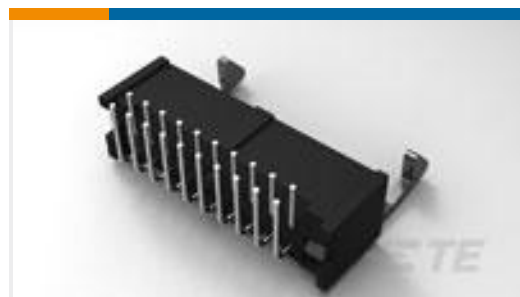
TE Part #66740-2  
TYPE XII FEMALE CONT (L.P.)



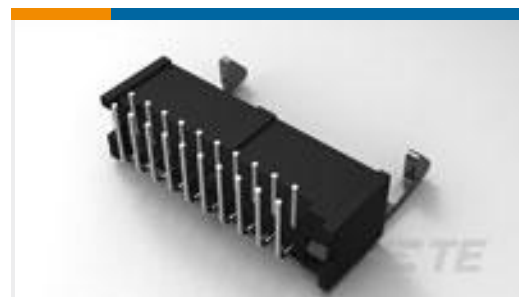
TE Part #825440-7  
MOD 2 PINHDR 2X07P.



TE Part #5-103908-3  
04 MTE HDR SRST LATCH W/HLDWN



TE Part #2-1761607-7  
IDC LOW PRO HDR 20P RA LG LAT



TE Part #2-1761607-3  
IDC LOW PRO HDR 10P RA LG LAT



## Documents

### Product Drawings

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

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

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

English

Customer View Model

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

English

Customer View Model

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

English

[3D PDF](#)

English

Customer View Model

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

English

Customer View Model

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

English

Customer View Model

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

English

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### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[TE Material Declaration](#)

English



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**Agency Approvals**

**UL Report**

English

**UL Report**

English