

52963-2 ✓ ACTIVE



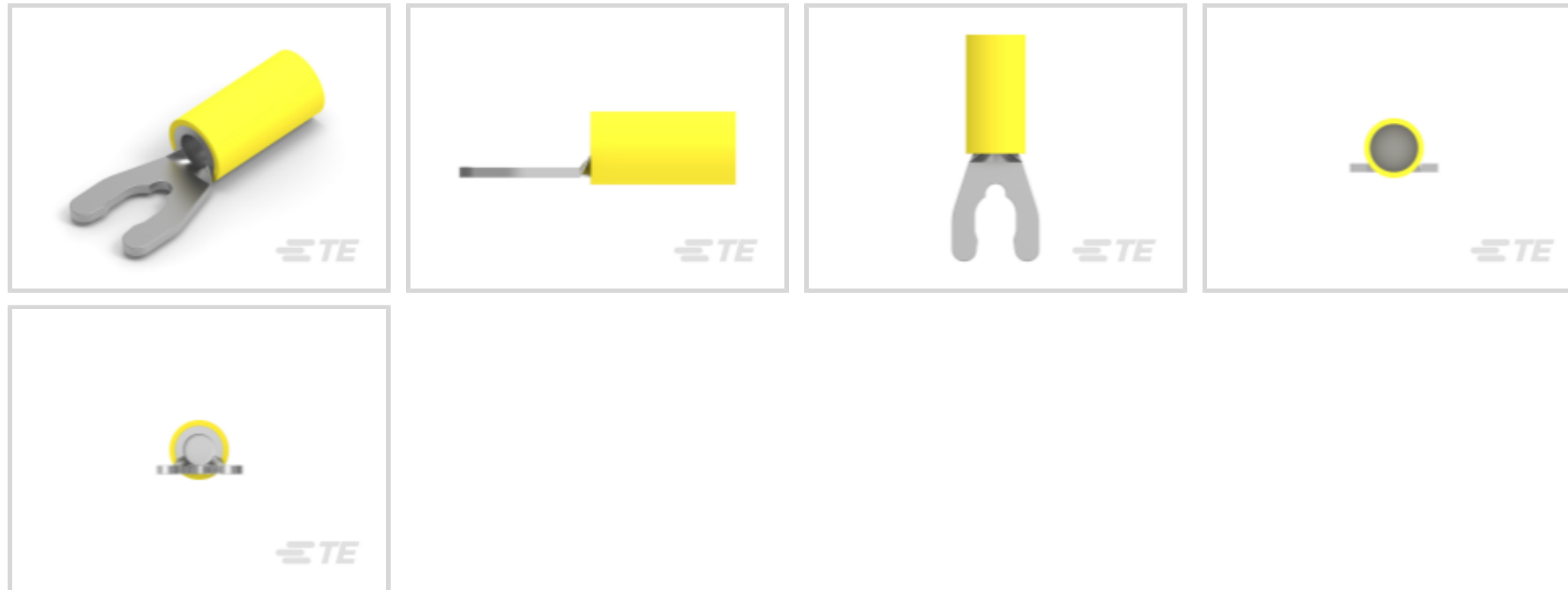
PLASTI-GRIP

TE Internal #: 52963-2

Spring Spade Terminal, 12 – 10 AWG, #10 Stud, 4.82 mm [.19 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PLASTI-GRIP

[View on TE.com >](#)

Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#10**

**Features**

**Product Type Features**

Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Electrical Characteristics**

Voltage Rating	600 V
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**Body Features**

Insulation Sleeve Color	Yellow
Stripe Color	Yellow

**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	5180 – 13100 CMA
Stud Diameter	4.82 mm [.19 in]
Tongue Thickness	.99 mm [.039 in]
Product Length	27.94 mm [1.1 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
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### 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	500
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 539691-2  
ERGO DIE R.B.Y



TE Part # 169404  
CERTI-LOK DIE



TE Part # 2063030-1  
SDE DIESET, RBY, UL



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



TE Part # 59239-4  
HHHT PIDG PG 12-10 ASSY



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



TE Part # 47808-6  
DIES PIDG 12-10 DIE SET



TE Part # 59287-2  
HHHT PIDG PG 12-10 ASSY




TE Part # 58423-1  
DIE, RBY IS9252



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

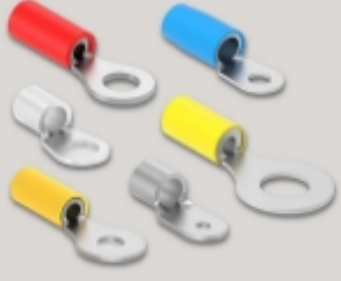
## Also in the Series | PLASTI-GRIP



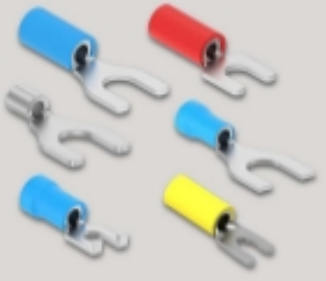
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)

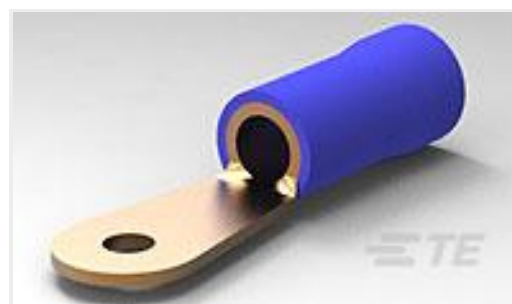
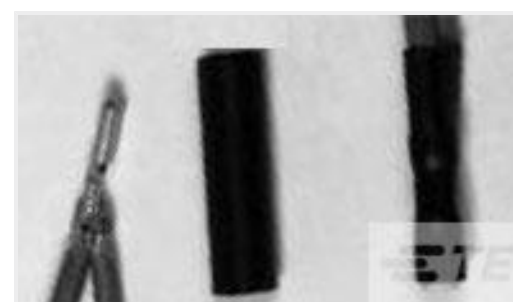
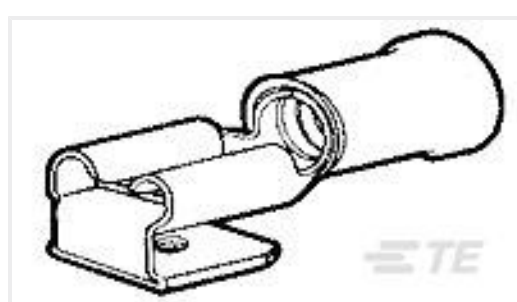


Spade Terminals(158)



Splices(45)

## Customers Also Bought

TE Part #165167  
PG WIRE PIN 22-16TE Part #640907-1  
RECEPT, PIDG FASTON 12-10 250TE Part #52042-4  
TERMINAL, R PG 6 10TE Part #34112  
SOLIS R 22-16 COMM 22-18 MIL 10TE Part #36154  
PIDG R 22-16 COMM 22-18 MIL 10TE Part #2-520129-2  
ULTRAFast 250 ASSY FLAG 22-18  
TPBR LPTE Part #322870  
TERMINAL, SOLIS R 2 5/16TE Part #5201976026  
RT-3-NO.2-0-1INTE Part #206150-1  
CPC PLUG ASSEMBLY SIZE 23-37TE Part #9-160463-5  
FASTON, PGYBCK, PIDG, PH BR, .250,  
16-14

## Documents

### Product Drawings

[TERMINAL, PG SPR SPD 12-10 10](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_52963-2\\_AC.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_52963-2\\_AC.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_52963-2\\_AC.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Product Specifications**

**Application Specification**

English

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**Instruction Sheets**

**AMP\* PIDG\* (VINYL) & PLASTI-GRIP\* SHORT SPRING SPADE TERMINALS FOR BAR**

English

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

English

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**Agency Approvals**

**UL Report**

English