

52963-5 ✓ ACTIVE

PLASTI-GRIP

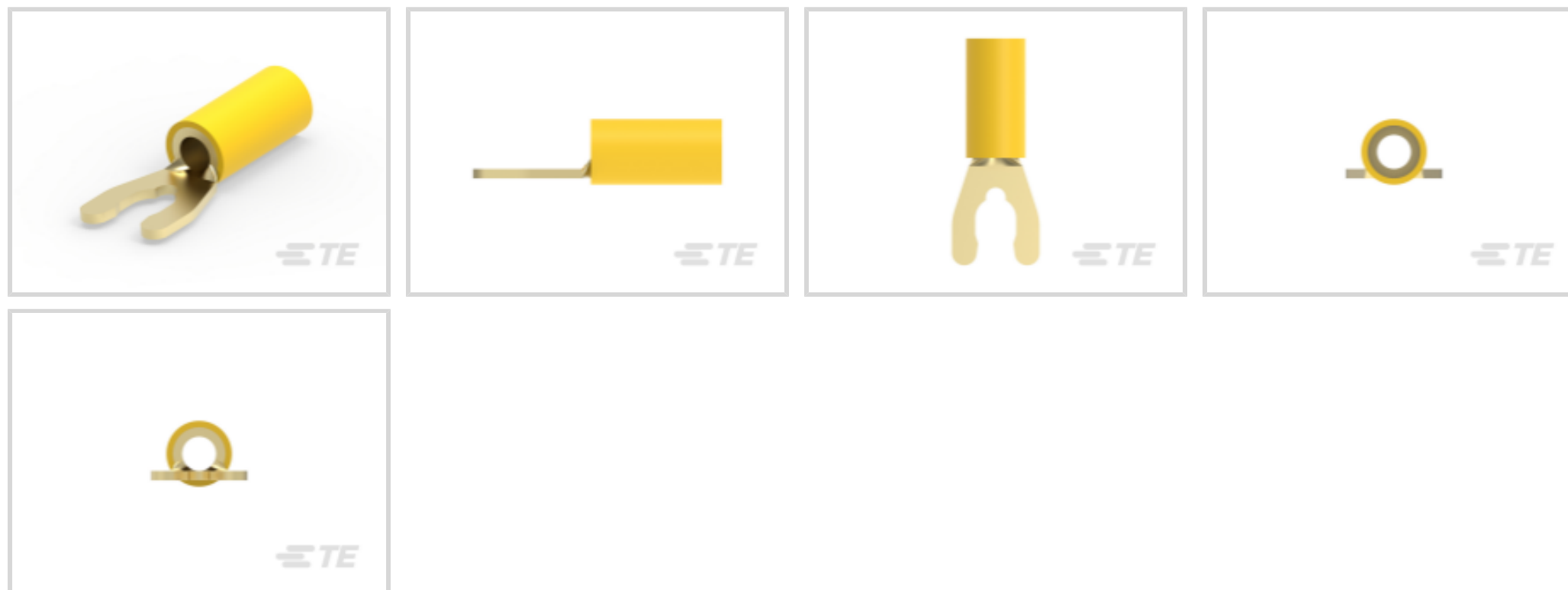
TE Internal #: 52963-5

Spring Spade Terminal, 12 – 10 AWG, #10 Stud Size, 4.82 mm [.19 in] Stud Diameter, Closed Barrel, Straight, Tin, 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

#### Contact Features

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

#### Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	4.82 mm [.19 in]
Tongue Thickness	.99 mm [.039 in]
Product Length	40.39 mm [1.59 in]
Compatible Insulation Diameter (Max)	7.62 mm [.3 in]
Compatible Insulation Diameter Range	6.35 – 7.62 mm [.25 – .3 in]

#### Product Type Features

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



### 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

### Packaging Features

Packaging Method	Tape Mounted
Packaging Quantity	1500

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Electrical Characteristics

Voltage Rating	600 V
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### Body Features

Insulation Sleeve Color	Yellow
Stripe Color	Yellow

### Mechanical Attachment

Wire Insulation Support	With
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### Industry Standards

Government Qualified Terminal	No
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### 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



## Also in the Series | PLASTI-GRIP



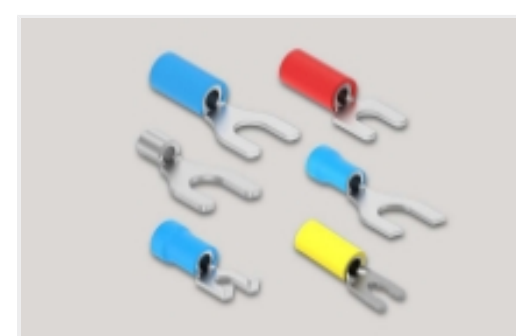
Compression Connectors(3)



Crimp Wire Pins, Tabs &amp; Ferrules(18)



Ring Terminals(297)



Spade Terminals(157)



Splices(44)

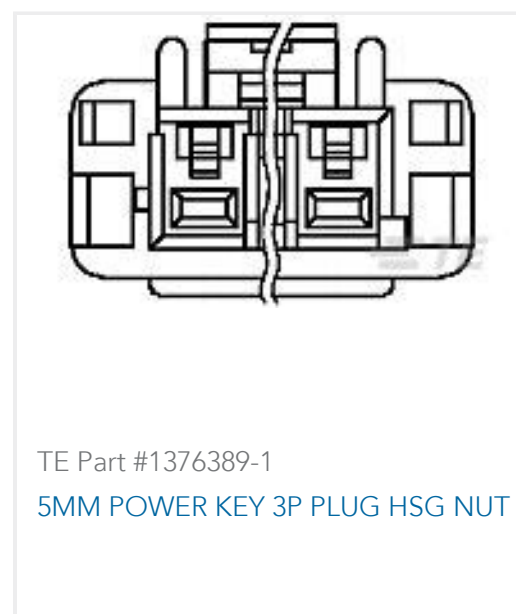
## Customers Also Bought



TE Part #1971777-3  
PTL TPA HIGH TEMP 1 x 3 BLACK



TE Part #1-1971773-3  
PTL 1X3 PLUG HSG STD TEMP KEY A NAT



TE Part #1376389-1  
5MM POWER KEY 3P PLUG HSG NUT



TE Part #1-1971772-3  
PTL 1X3 CAP PANEL MT STD TEMP KEY A NAT



TE Part #1376395-1  
5MM POWER KEY D/L PLATE GREEN



TE Part #61085-1  
.156 MNL SOK PTPBR



TE Part #40696  
RING TERMINAL 12-10 AWG TPBR



TE Part #41532  
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #42660-1  
250 FASTON REC 18-14 AWG BR



TE Part #324043  
TERMINAL, T-N R 8 10

## Documents

### Product Drawings

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

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_52963-5\\_AC.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52963-5\\_AC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52963-5\\_AC.3d\\_stp.zip](#)

English

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

### Product Specifications



### Application Specification

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