

52410-1 ✓ ACTIVE

PIDG

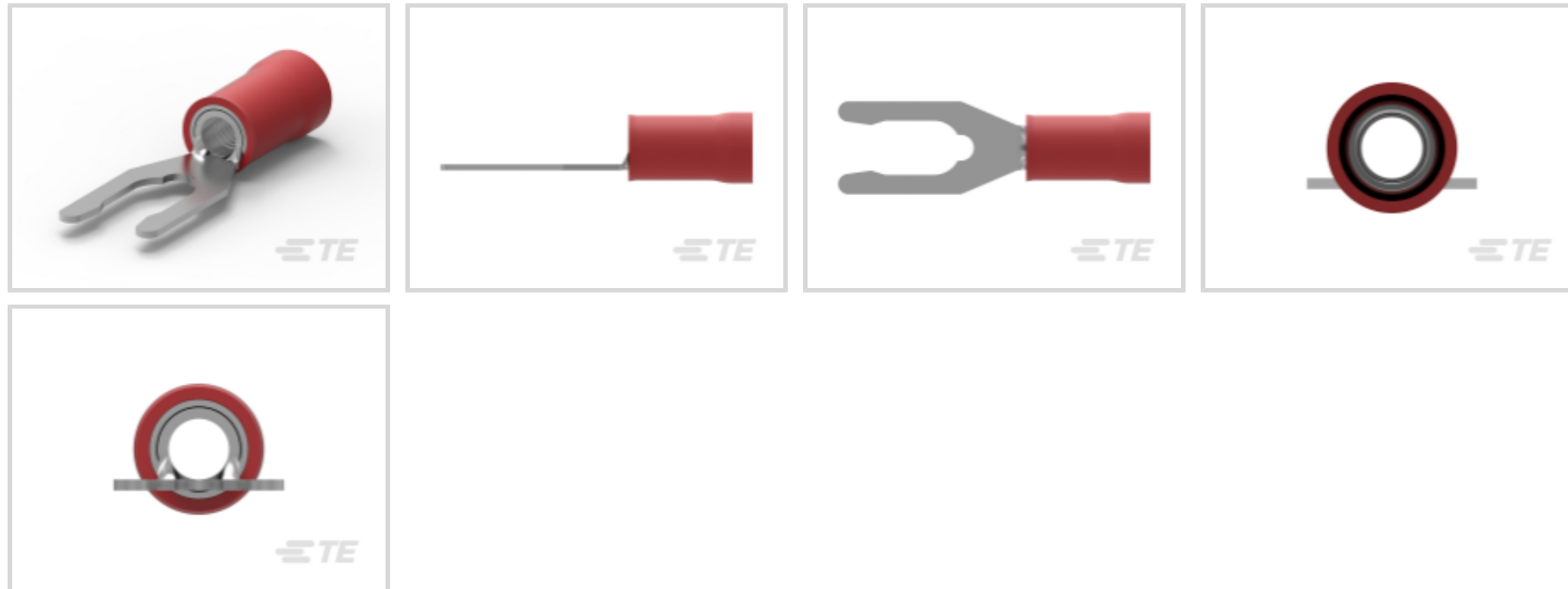
TE Internal #: 52410-1

Spring Spade Terminal, 22 – 16 AWG, #8 / M4 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated

[View on TE.com >](#)



Terminals & Splices > Spade Terminals > PIDG Long Spring Spade Tongue Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#8, M4**

[All PIDG Long Spring Spade Tongue Terminals \(50\)](#)

### Features

#### 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	4.17 mm[.164 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	24.87 mm[.979 in]
Compatible Insulation Diameter (Max)	3.18 mm[.125 in]
Compatible Insulation Diameter Range	2.03 – 3.18 mm[.08 – .125 in]

#### Product Type Features

Stud Size	#8, M4
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	5000

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Electrical Characteristics

Voltage Rating	300 V
----------------	-------

### Body Features

Insulation Sleeve Color	Red
Stripe Color	Red

### Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

### Industry Standards

Government Qualified Terminal	No
-------------------------------	----

## 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

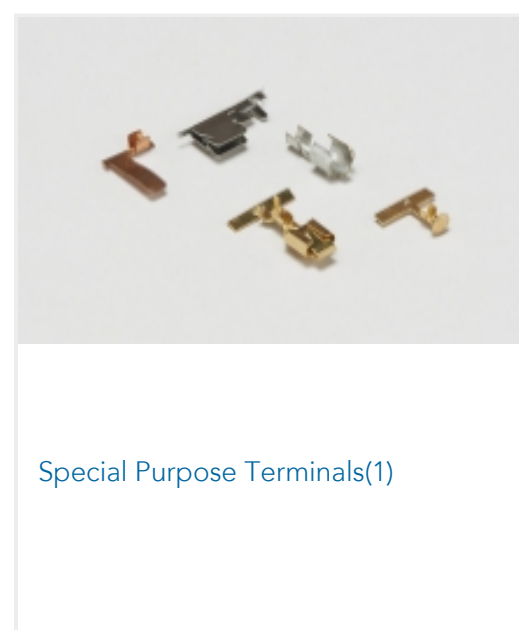
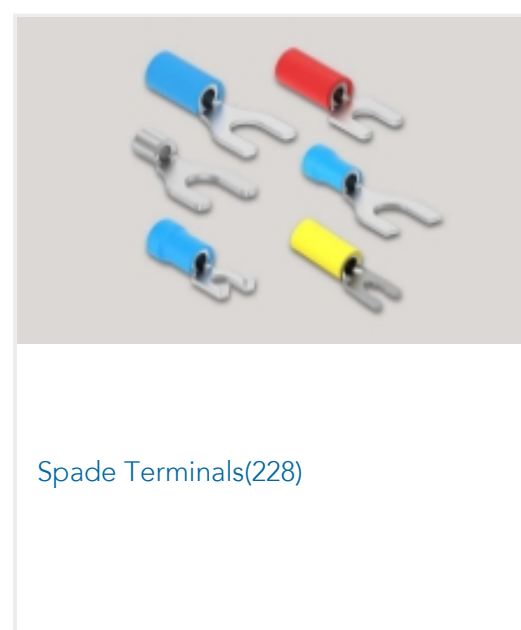
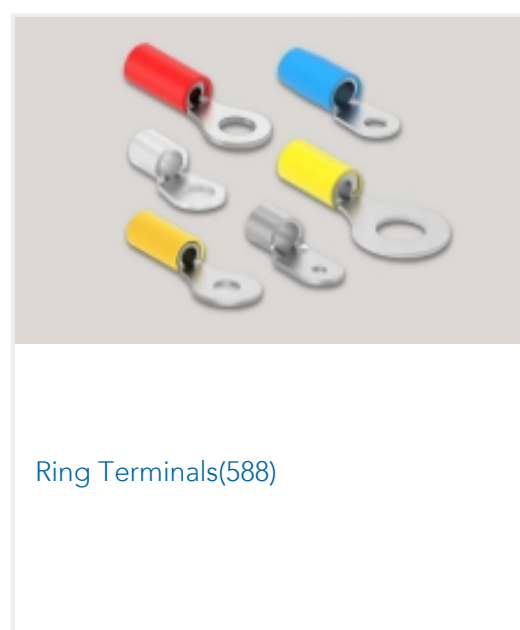
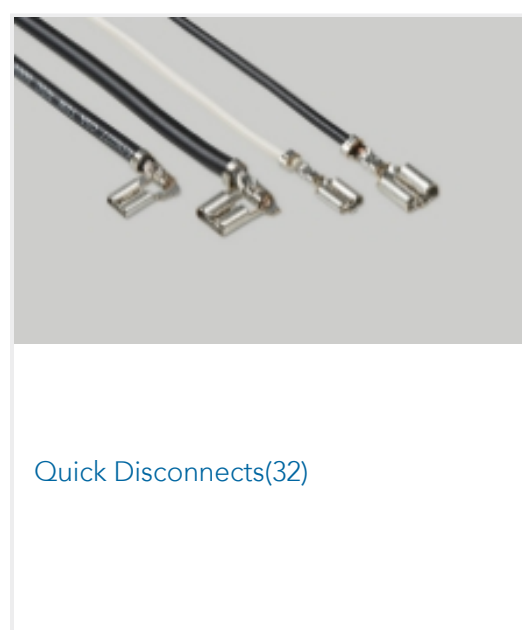
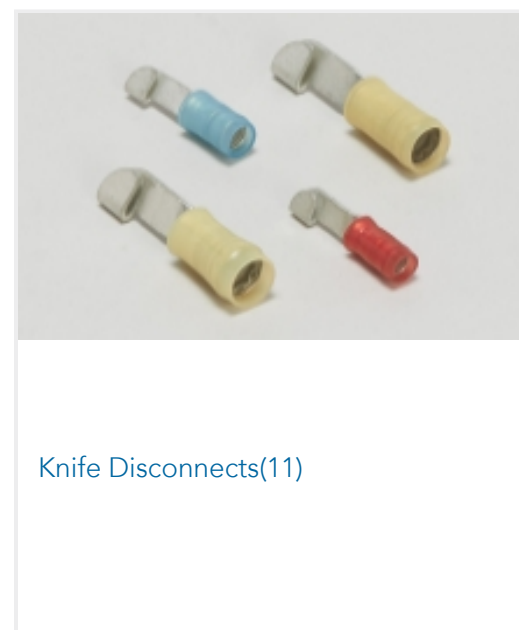
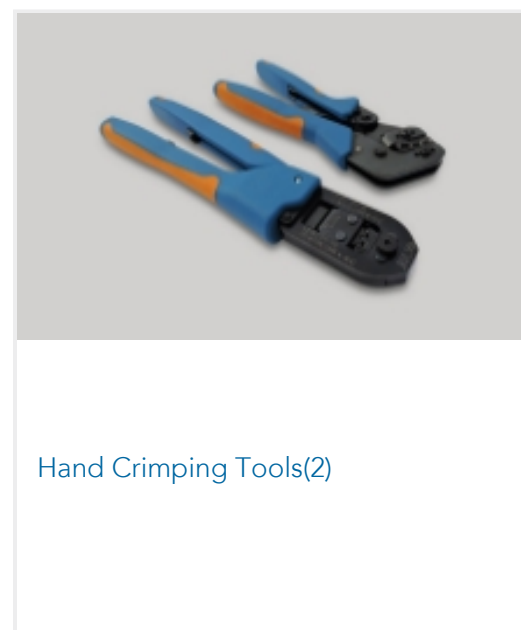
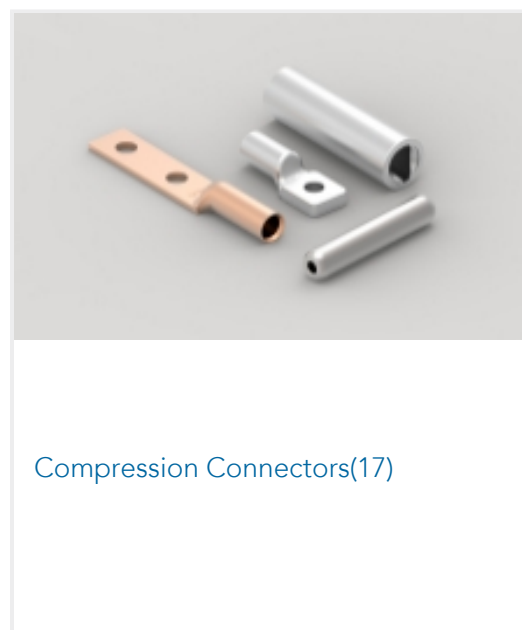
Product Compliance Disclaimer

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



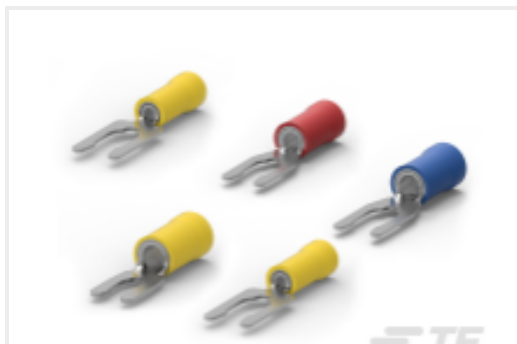
### Also in the Series | PIDG





Splices(39)

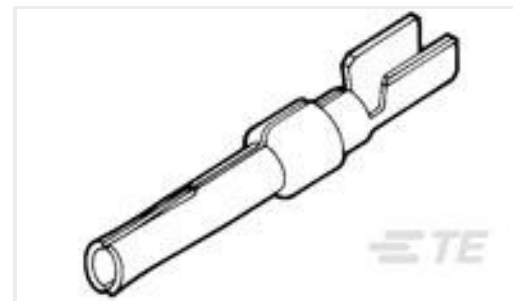
## Customers Also Bought



TE Part #52420-1  
PIDG Long Spring Spade Tongue  
Terminals



TE Part #2-34541-1  
PIDG SPD 22-16 COMM 22-18MIL 6



TE Part #745230-2  
20DF SOCKET CONTACT, PLATED



TE Part #201378-2  
14 PL. 180 SHIELD-LONG



TE Part #770336-1  
04P .093 COMM P&S PLUG .250CL



TE Part #9-50427-1  
FERRULE, THICK WALL, LEAD FREE



TE Part #111547-3  
016 UNIV I/O STRAIN RELIEF

## Documents

### Product Drawings

[PIDG SP SPD 22-16COMM22-18MIL8](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_52410-1\\_H.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_52410-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52410-1\\_H.3d\\_stp.zip](#)

English

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



---

**Datasheets & Catalog Pages**

[PIDG Terminals and Splices Quick Reference Guide](#)

English

---

**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English

---

**Agency Approvals**

[CSA Certificate](#)

English