

52433-1 ✓ ACTIVE



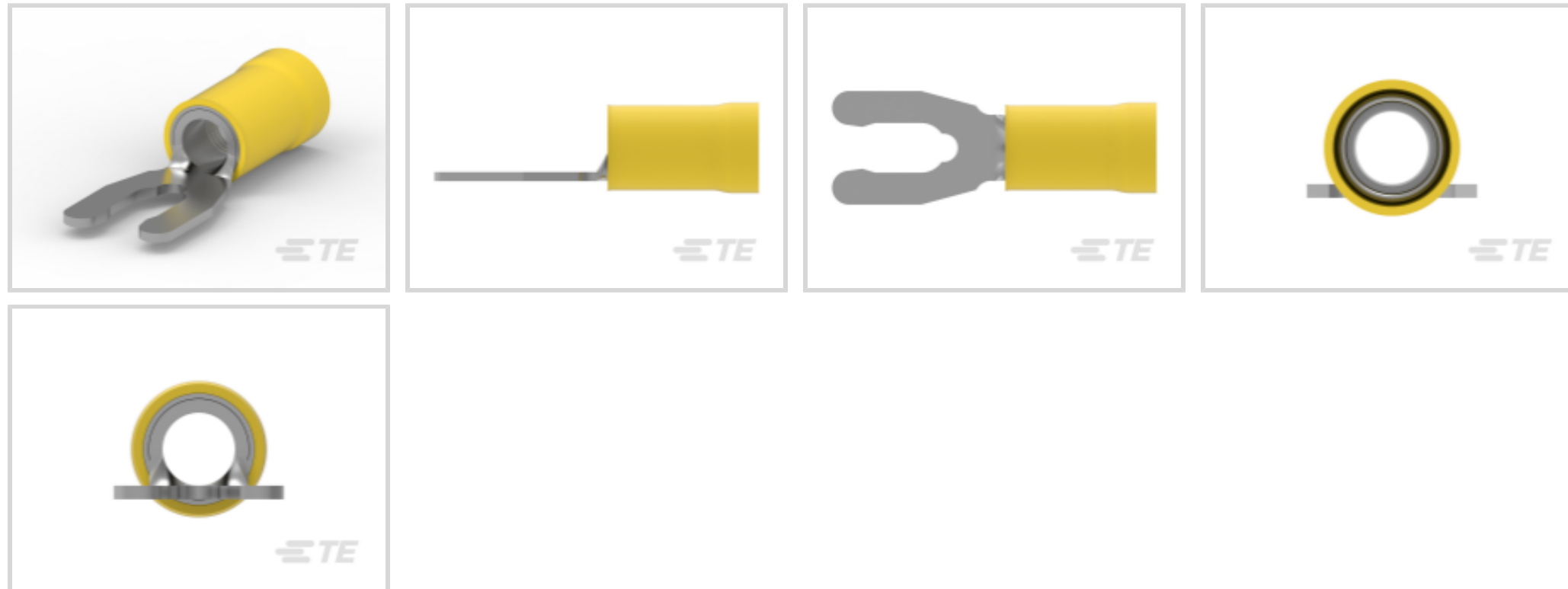
PIDG

TE Internal #: 52433-1

Spring Spade Terminal, 12 – 10 AWG, 1/4 / M6 Stud, 6.35 mm [.25 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

[View on TE.com >](#)

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



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **1/4, M6**

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

### Features

#### Mechanical Attachment

Wire Insulation Support	With
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#### Electrical Characteristics

Voltage Rating	300 V
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#### Industry Standards

Government Qualified Terminal	No
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#### Body Features

Insulation Sleeve Color	Yellow
Stripe Color	Yellow

#### Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

#### Product Type Features

Stud Size	1/4, M6
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Sealable	No
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Wire Insulation Support Retention Type	Insulation Support
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### Contact Features

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

Wire Size	5180 – 13100 CMA
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Stud Diameter	6.35 mm [.25 in]
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Tongue Thickness	.79 mm [.031 in]
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Product Length	32.74 mm [1.289 in]
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Compatible Insulation Diameter (Max)	6.35 mm [.25 in]
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Compatible Insulation Diameter Range	3.81 – 6.35 mm [.15 – .25 in]
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### Usage Conditions

Insulation Option	Partially Insulated
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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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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per
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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



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 # 58423-1  
DIE, RBY IS9252



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



TE Part # 169404  
CERTI-LOK DIE



TE Part # 539691-2  
ERGO DIE R.B.Y



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

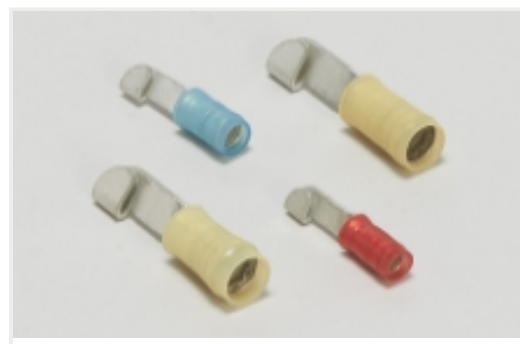
Also in the Series | **PIDG**



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



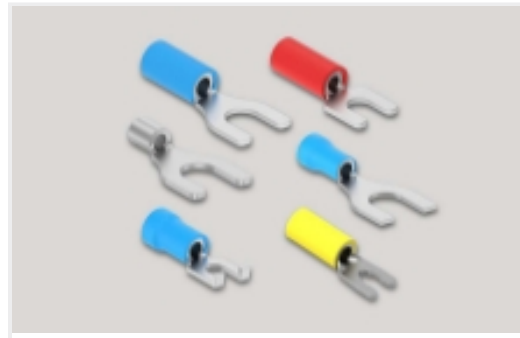
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

## Customers Also Bought



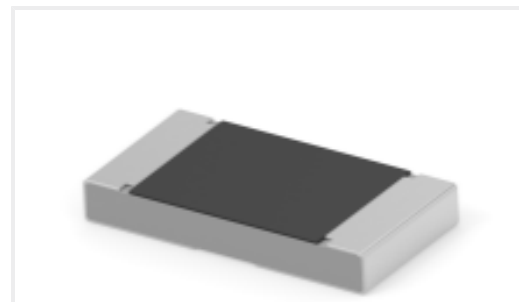
TE Part #320569  
TERMINAL,PIDG R 12-10 1/4



TE Part #205210-3  
PLUG ASSY SIZE 4



TE Part #1-2016656-0  
SMA M DOUBLE,18G,1.0M WITH ARMOR,PUR



TE Part #9-2176524-0  
3503G 2B 4K64 1% 1K RL



TE Part #52937  
TERMINAL,PIDG SPR SPD 16-14 10



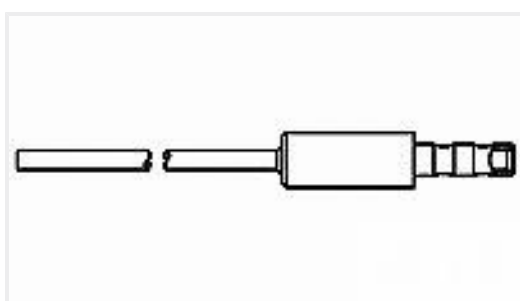
TE Part #207017-1  
METRIMATE PLUG, 12 POS



TE Part #2-1617076-5  
3SBH1230A2 = M39016/53-011M



TE Part #6-2176329-0  
CRGP 1210 820K 1%



TE Part #1218147-1  
LGH,MICRO-MIN,PLUG,ASSY,170SER



TE Part #3-338313-2  
9P.HDP20 REC. ASSY

## Documents



### Product Drawings

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

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_52433-1\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52433-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52433-1\\_M.3d\\_stp.zip](#)

English

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

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### Instruction Sheets

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

English

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### Agency Approvals

[UL Report](#)

English