



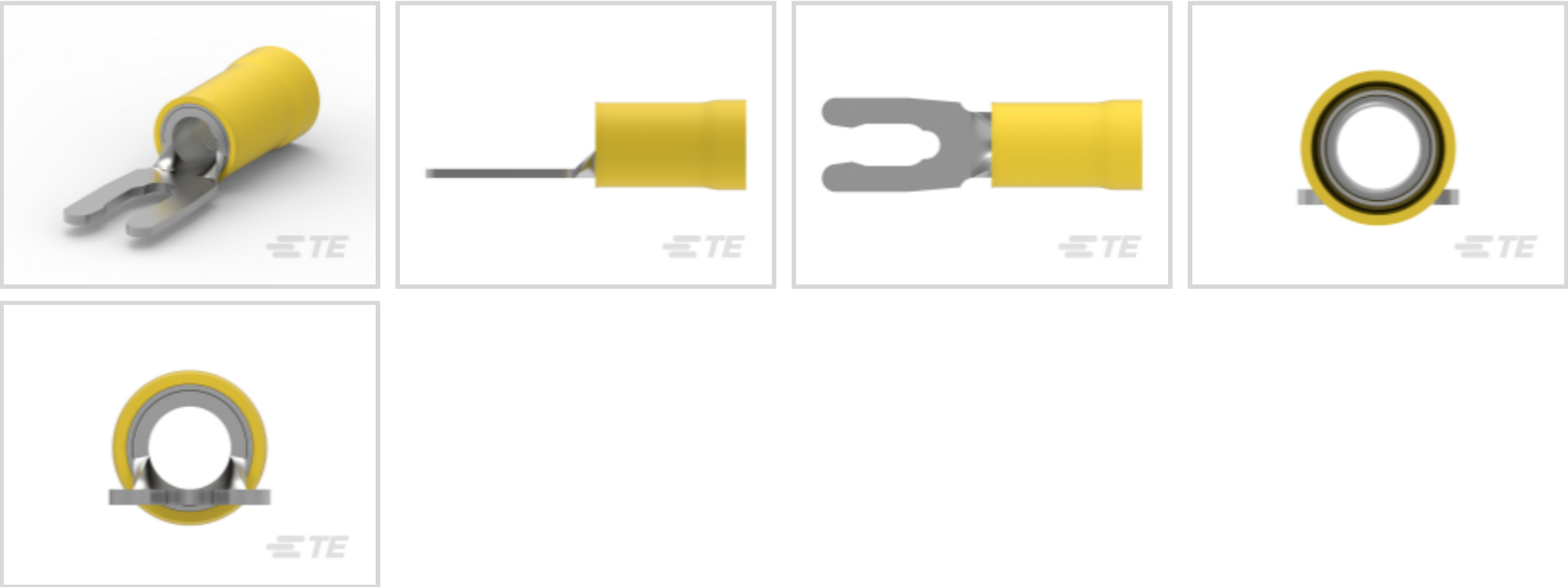
PIDG

TE Internal #: 52430-1

Spring Spade Terminal, 12 – 10 AWG, #6 / M3.5 Stud Size, 3.51 mm
[.138 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially
Insulated, PIDG

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



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#6, M3.5**

[All PIDG Long Spring Spade Tongue Terminals \(51\)](#)

Features

Product Type Features

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Electrical Characteristics

Voltage Rating	300 V
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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

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Wire Size	5180 – 13100 CMA
Stud Diameter	3.51 mm[.138 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	28.7 mm[1.131 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
Operating Temperature Range	105 °C[221 °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	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY	TE Part # 58423-1 DIE, RBY IS9252	TE Part # 58433-3 PRO CR ASSY, RBY IS9252
TE Part # 539691-2 ERGO DIE R.B.Y	TE Part # 2063030-1 SDE DIESET, RBY, UL	TE Part # 47808-6 DIES PIDG 12-10 DIE SET	TE Part # 679300-1 1210 PIDG CRIMP HEAD
TE Part # 169400 CERTI-LOK FRAME W/O DIES	TE Part # 1-59239-4 HHHT PIDG 16-10 HEAD	TE Part # 1SET191001R0000 CRIMP-HT	TE Part # 1SET191002R0000 TET CRIMP-HT
TE Part # 169404 CERTI-LOK DIE			

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



Knife Disconnects(11)



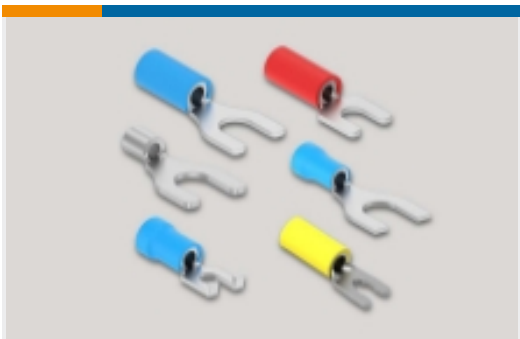
PCB Terminals(7)



Quick Disconnects(49)



Ring Terminals(611)



Spade Terminals(233)

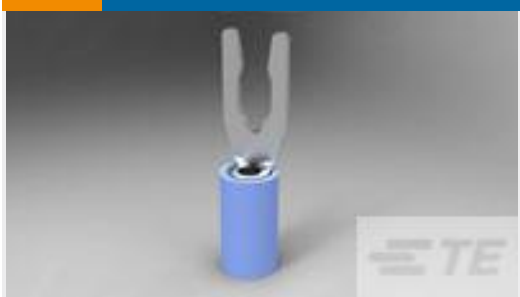


Special Purpose Terminals(1)



Splices(46)

Customers Also Bought



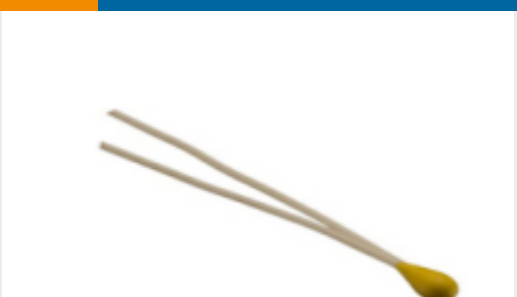
TE Part #52420-3
TERMINAL,PIDG SPR SPD 16-14 6



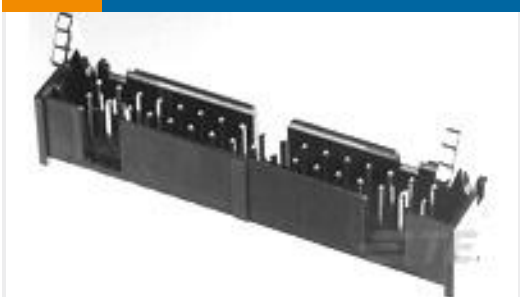
TE Part #1-2198618-5
Ni Pltd Plstic Backshell, 15 Way, 45 Deg



TE Part #3-1416100-2
ST3P3LC4



TE Part #GA10K3A11B
DISCRETE 10K OHMS,+/-0.2C FROM 0C TO 70C



TE Part #1761608-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part #3-640426-3
03P MTA156 CONN ASSY 18AWG ORA



TE Part #1757836-5
AMPLIMITE,R/A RCPT ASY,109,ZN,5



TE Part #3-1393254-5
W91-X113-15=M6/M7/M9/W6/W7



Documents

Product Drawings

TERMINAL,PIDG SPR SPD 12-10 6

English

CAD Files

Customer View Model

ENG_CVM_CVM_52430-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52430-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52430-1_J.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English