

8-320861-1 ✓ ACTIVE



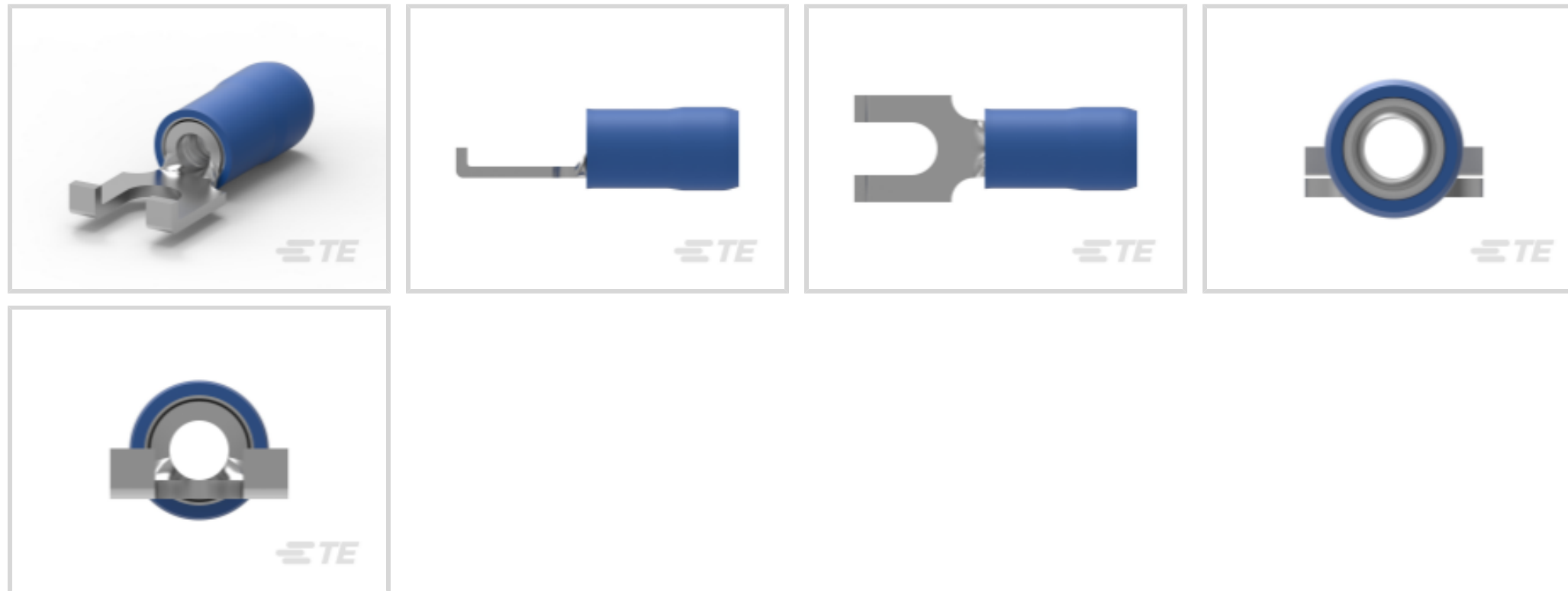
PIDG

TE Internal #: 8-320861-1

Spade Flange Tongue Terminal, 16 – 14 AWG, M3.5 / #6 Stud Size, 3.51 mm [.138 in] Stud Diameter, Closed Barrel, Flanged, Tin, PIDG

[View on TE.com >](#)

Terminals & Splices > Spade Terminals > PIDG Flanged Spade Tongue Terminals



Spade Terminal Type: **Spade Flange Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

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

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

Features

Product Type Features

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

Electrical Characteristics

Voltage Rating	300 V
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Contact Features

Spade Terminal Type	Spade Flange Tongue Terminal
Barrel Type	Closed
Terminal Orientation	Flanged
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	2050 – 5180 CMA
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Stud Diameter	3.51 mm [.138 in]
Tongue Thickness	.84 mm [.033 in]
Product Length	18.7 mm [.737 in]
Compatible Insulation Diameter (Max)	4.32 mm [.17 in]
Compatible Insulation Diameter Range	2.92 – 4.31 mm [.115 – .17 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	100
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 # 47386
 DAHT PG PIDG 26-16 ASSY

TE Part # 58423-1
 DIE, RBY IS9252

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

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)

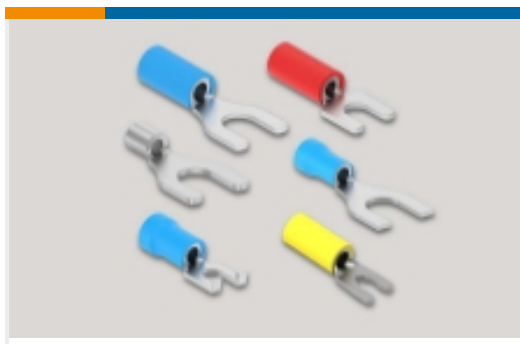
Hand Crimping Tools(2)

Knife Disconnects(11)

PCB Terminals(7)

Quick Disconnects(49)

Ring Terminals(607)



Spade Terminals(231)



Special Purpose Terminals(1)



Splices(45)

Customers Also Bought



TE Part #DT04-3P-EE01
REC, 3P, BLK, N, XCAP



TE Part #3-640442-4
04P MTA100 CONN ASSY BLU



TE Part #3-644313-3
03P MTA100 CONN ASSY POL TAB



TE Part #1558661-3
T9GV1L14-12



TE Part #1-1625892-5
3W SM M/OX 5% 150R



TE Part #1-640383-0
10P MTA156 HDR ASSY STR SQ SN



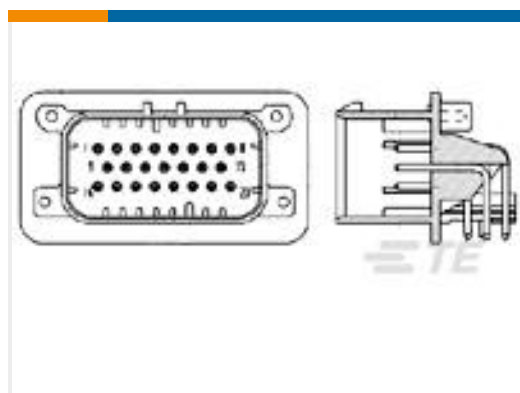
TE Part #608802-1
CABLE TIE MOUNT, 4-WAY, 3/4" SQ



TE Part #4-1625892-5
3W SM M/OX 5% 39K



TE Part #8-1393253-3
W69-X2Q12-10=M6/M7/M9/W6/W7



TE Part #776087-4
23POS, PIN DIA 1.3, HDR ASSY, 90DEG,
COD 4

Documents

Product Drawings

[TERMINAL, PIDG SPD FLG 16-14 6](#)

English

CAD Files

Customer View Model

[ENG_CVM_8-320861-1_P.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_8-320861-1_P.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-320861-1_P.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English