# 8-320861-1 ✔ ACTIVE

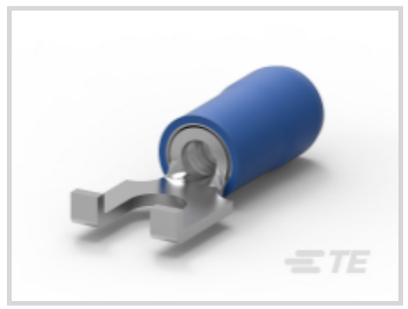
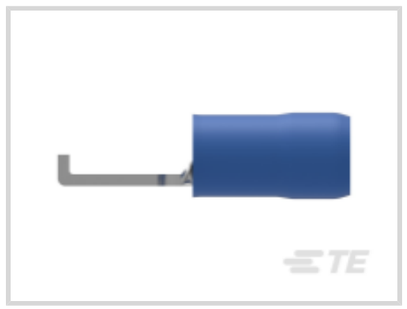
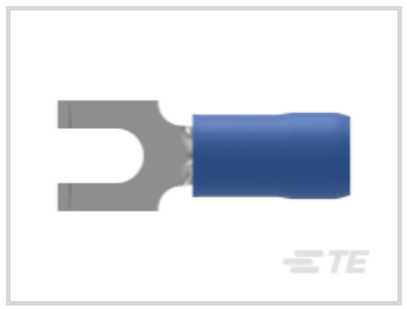
PIDG

TE Internal #: 8-320861-1

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

### 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 |

### Dimensions

| | |
|---|---|
| Wire Size | 2050 – 5180 CMA |
| 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 | 0 – 105 °C[0 – 221 °F] |

### Operation/Application

| | |
|---|---|
| Compatible With Wire Base Material | Copper |
| Compatible With Wire Plating Material | Tin |

### Industry Standards

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

### 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 169404
CERTI-LOK DIE



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY




TE Part # 47386
DAHT PG PIDG 26-16 ASSY



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

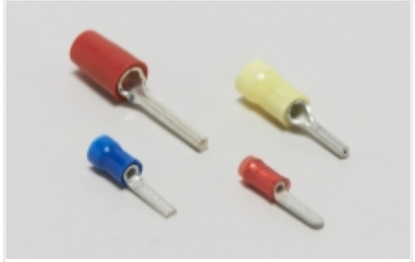



TE Part # 58423-1
DIE, RBY IS9252

## Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



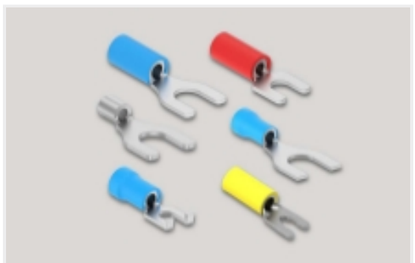
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

## Customers Also Bought



TE Part #DT06-3S-P012
PLG, 3P, BLK, N



TE Part #32952
PG R 22-16 COMM 22-18 MIL 10



TE Part #640387-6
06P MTA156 HDR ASSY SQ R/A



TE Part #640387-8
08P MTA156 HDR ASSY SQ R/A R/B



TE Part #1-644752-7
17P MTA156 HDR ASSY SQ STR F/L



TE Part #770095-1
09P .093 COMM P&S PLUG



TE Part #5103309-3
A/L LOW PRO HDR 16P VERT BLACK



TE Part #1-6609020-1
20EB1=F7108 S0



TE Part #2-6609104-1
PELS0SSX0=C1238



TE Part #5-1393788-7
V23079D1003B301

## 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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

## Instruction Sheets

### Instruction Sheet (U.S.)

English