# 8-32059-1 ✔ ACTIVE

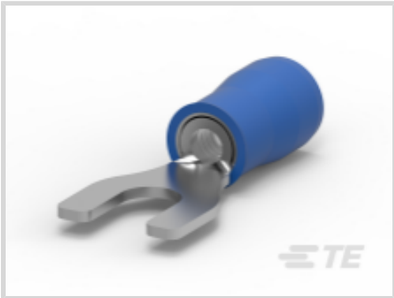
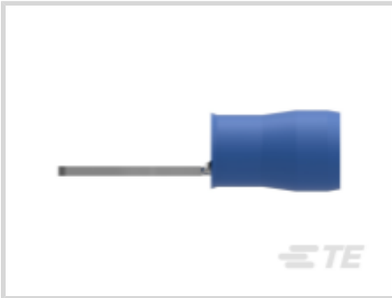
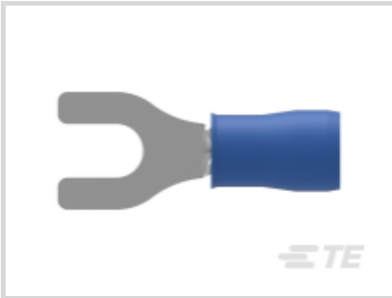
PIDG

TE Internal #: 8-32059-1

Spade Tongue Terminal, 16 AWG, #8 / M4 Stud, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

View on TE.com >

Terminals & Splices > Spade Terminals > PIDG Spade Tongue Terminals

Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#8, M4**

All PIDG Spade Tongue Terminals (63)

## Features

### Product Type Features

| | |
|---|---|
| Stud Size | #8, M4 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Product Weight | 1.105 g |
| Insulation Sleeve Color | Blue |
| Stripe Color | Blue |

### Contact Features

| | |
|---|---|
| Spade Terminal Type | Spade Tongue Terminal |
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |

## Mechanical Attachment

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

## Dimensions

| | |
|---|---|
| Wire Size | 2050 – 5180 CMA |
| Stud Diameter | 4.17 mm[.164 in] |
| Tongue Thickness | .84 mm[.033 in] |
| Product Length | 23.06 mm[.908 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 # 47387
DAHT PG PIDG 20-14 ASSY

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

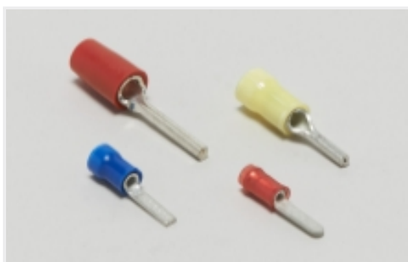
TE Part # 58423-1
DIE, RBY IS9252

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

TE Part # 169404
CERTI-LOK DIE

## Also in the Series | PIDG

Compression Connectors(50)

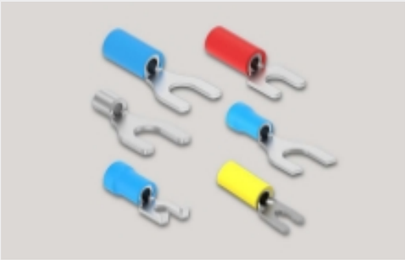


Crimp Wire Pins, Tabs & Ferrules(39)

Knife Disconnects(11)

Quick Disconnects(38)

Ring Terminals(589)



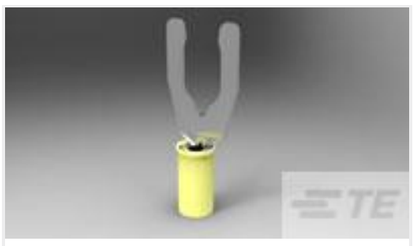
Spade Terminals(228)

Special Purpose Terminals(1)

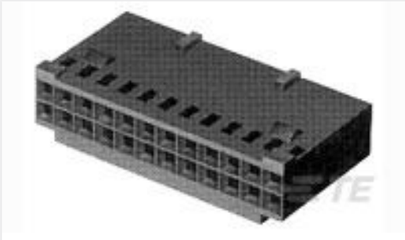
Splices(41)

## Customers Also Bought

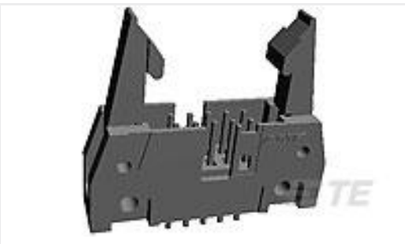
TE Part #8-34070-1
PG BUTT SPLC 22-16COMM22-18MIL



TE Part #52433-1
TERMINAL,PIDG SPR SPD 12-10

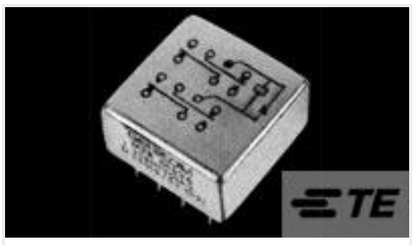


TE Part #2-87631-5
30 MODIV HSG COMP DR .100 POL



TE Part #499206-9
040 UNIV HDR SP 4S 30DP STD L1

TE Part #1-747150-4
09 RCPT SP/FMS SCRLK



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

TE Part #2102352-3
CeeLok FAS-T, Receptacle Kit, Ni,A

TE Part #2102353-3
CeeLok FAS-T, Plug Kit, Ni, A

TE Part #1-5750913-7
68 50SR CABLE CONN KIT

## Documents

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_8-32059-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_8-32059-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_8-32059-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-32059-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-32059-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-32059-1_P.3d_stp.zip

English

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## Product Specifications

### Application Specification

English

## Instruction Sheets

### Instruction Sheet (U.S.)

English