

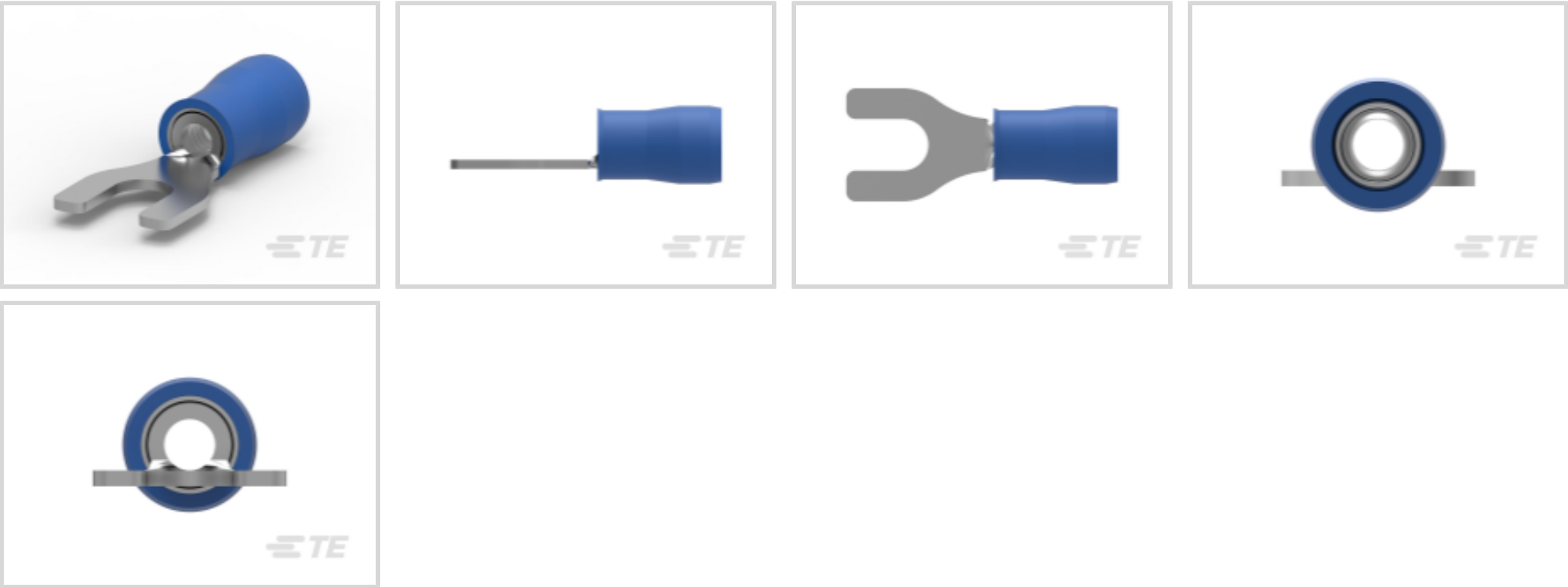


PIDG

TE Internal #: 2-32056-1  
Spade Tongue Terminal, 16 AWG, #8 / M4 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG

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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 | Insulation Support |

Electrical Characteristics

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

Body Features

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

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                     | .79 mm [.031 in]               |
| Product Length                       | 23.06 mm [.908 in]             |
| Compatible Insulation Diameter (Max) | 3.81 mm [.15 in]               |
| Compatible Insulation Diameter Range | 2.67 – 3.81 mm [.105 – .15 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 |
|-------------------------------|----|

Packaging Features

|                    |              |
|--------------------|--------------|
| Packaging Quantity | 1            |
| Packaging Method   | Tape Mounted |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 58423-1  
DIE, RBY IS9252

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

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

TE Part # 47387  
DAHT PG PIDG 20-14 ASSY

TE Part # 169404  
CERTI-LOK DIE

TE Part # 1SET191002R0000  
TET CRIMP-HT

Also in the Series | PIDG

Compression Connectors(17)

Crimp Wire Pins, Tabs & Ferrules(41)

Hand Crimping Tools(2)

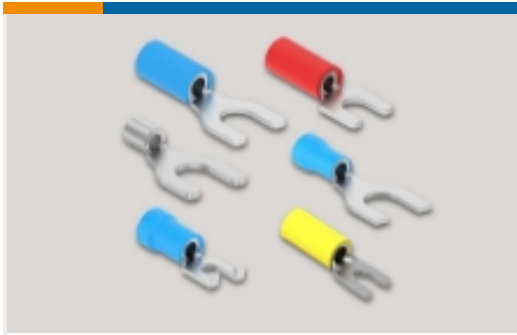
Knife Disconnects(11)



Quick Disconnects(32)



Ring Terminals(589)



Spade Terminals(228)

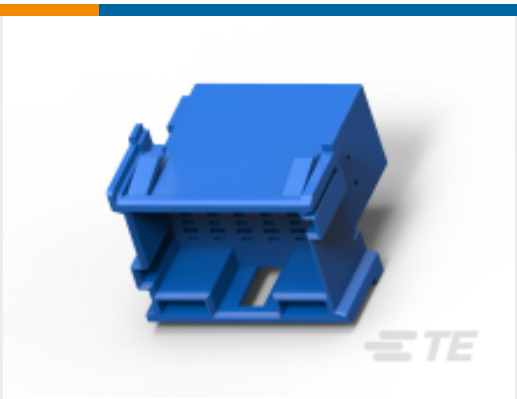


Special Purpose Terminals(1)

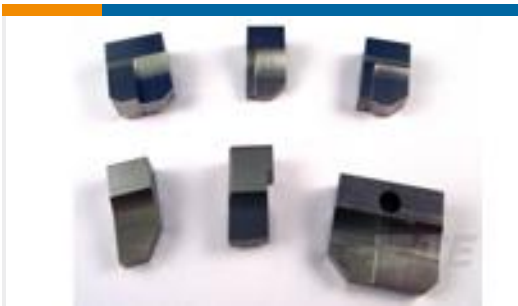


Splices(39)

Customers Also Bought



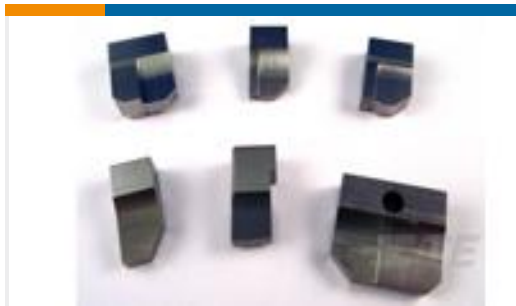
TE Part #1-967629-5  
FLACHSTE-GEH2,8 18P



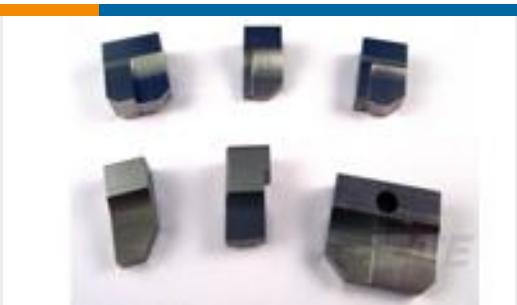
TE Part #1338690-9  
ANVIL, COMBINATION .055



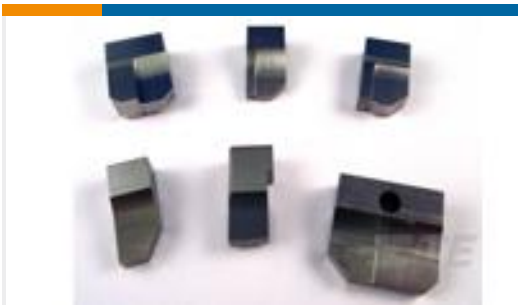
TE Part #2-456134-2  
CRIMPER, INSULATION "F"(.110")



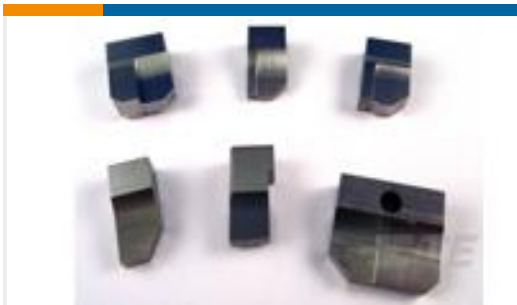
TE Part #1338691-1  
ANVIL, COMBINATION .062



TE Part #1333217-1  
ANVIL, E/FEED (.090)



TE Part #1333219-8  
ANVIL, E/FEED (.110)



TE Part #1338692-1  
ANVIL



TE Part #5-456135-0  
CRIMPER, INSULATION "O"(.100")



TE Part #7-456135-8  
CRIMPER, INSUL."O" (.062")



TE Part #1490193-3  
CRIMPER, INSULATION F

Documents



Product Drawings

TERMINAL,PIDG SPD 16-14 8

English

CAD Files

Customer View Model

ENG\_CVM\_2-32056-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_2-32056-1\_C.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_2-32056-1\_C.2d\_dxf.zip

English

3D PDF

English

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Agency Approvals

UL Report

English