

32056 ✓ ACTIVE

PIDG

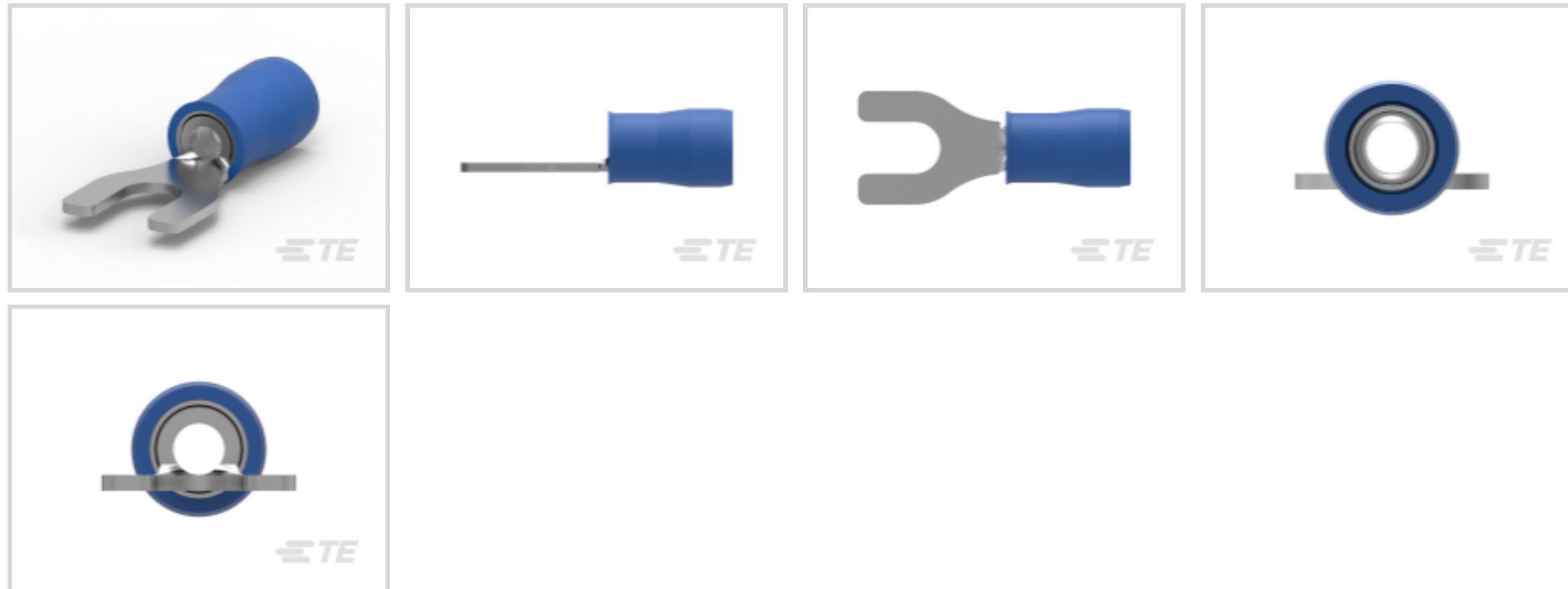
TE Internal #: 32056

Spade Tongue Terminal, 16 AWG, #8 / M4 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, 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) | 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 | 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 |








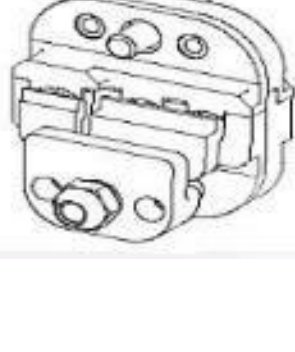
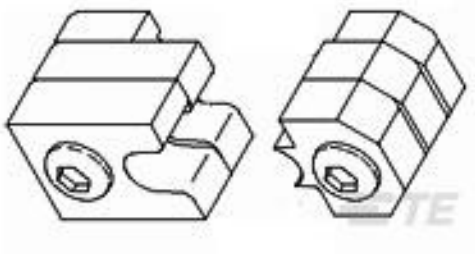



Solder Process Capability

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

| | | | |
|--|---|--|--|
|  <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p> |  <p>TE Part # 47387 DAHT PG PIDG 20-14 ASSY</p> |  <p>TE Part # 58423-1 DIE, RBY IS9252</p> |
|  <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 525690 DAHT PG PIDG 20-18 ASSY</p> |  <p>TE Part # 539691-2 ERGO DIE R.B.Y</p> |  <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p> |
|  <p>TE Part # 47807-1 DIES PIDG 16-14 DIE SET</p> |  <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p> |  <p>TE Part # 1SET191002R0000 TET CRIMP-HT</p> |  <p>TE Part # 169404 CERTI-LOK DIE</p> |

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



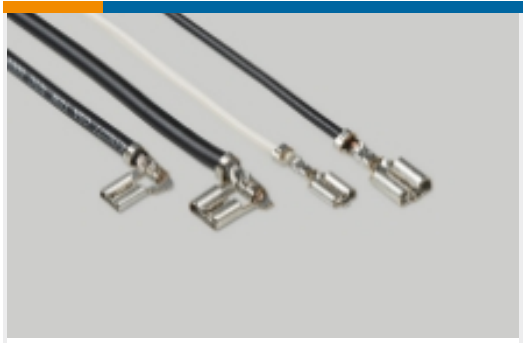
Hand Crimping Tools(2)



Knife Disconnects(11)



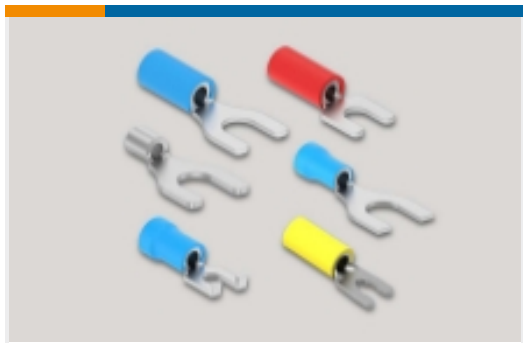
PCB Terminals(7)



Quick Disconnects(49)



Ring Terminals(611)



Spade Terminals(233)



Special Purpose Terminals(1)



Splices(46)

Customers Also Bought



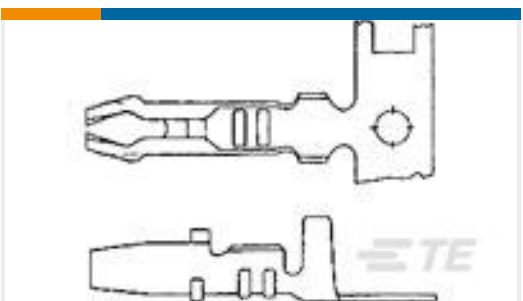
TE Part #2267078-3
TMS1T5B2M6RE



TE Part #8-1625868-5
RP 2A 0.25W 40R2 0.1% 25PPM 1K RL



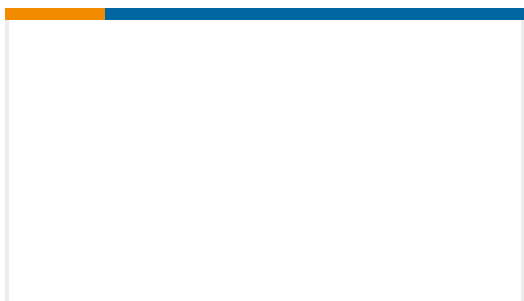
TE Part #CV3304-000
RW-175-1/4-X-STK



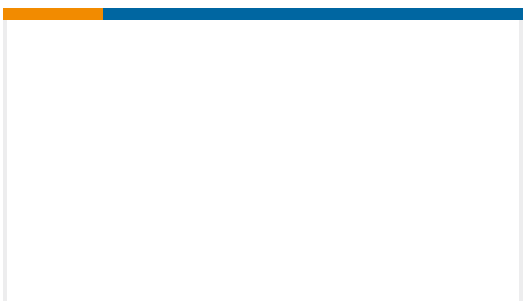
TE Part #170072-1
AMP-IN 24-20 AWG



TE Part #1757822-6
AMPLIMITE,ASY,RCPT,FB,109,ZN,1, CONT



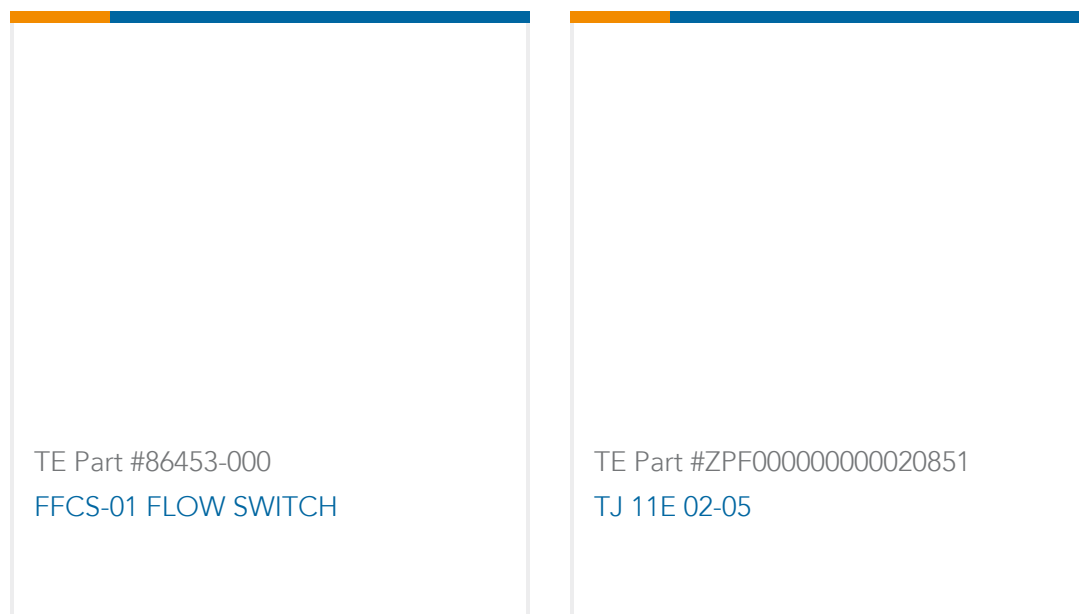
TE Part #ZPF00000000013956
DBAS 78G 61-0 SN-A6063



TE Part #ZPF00000000015336
DMC-M 42 W 01



TE Part #1478885-4
PG EMC GLAND PG13.5



Documents

Product Drawings

[TERMINAL,PIDG SPD 16-14 8](#)

English

CAD Files

Customer View Model

[ENG_CVM_32056_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_32056_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_32056_C.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English