

8-320863-1 ✓ ACTIVE



PIDG

TE Internal #: 8-320863-1

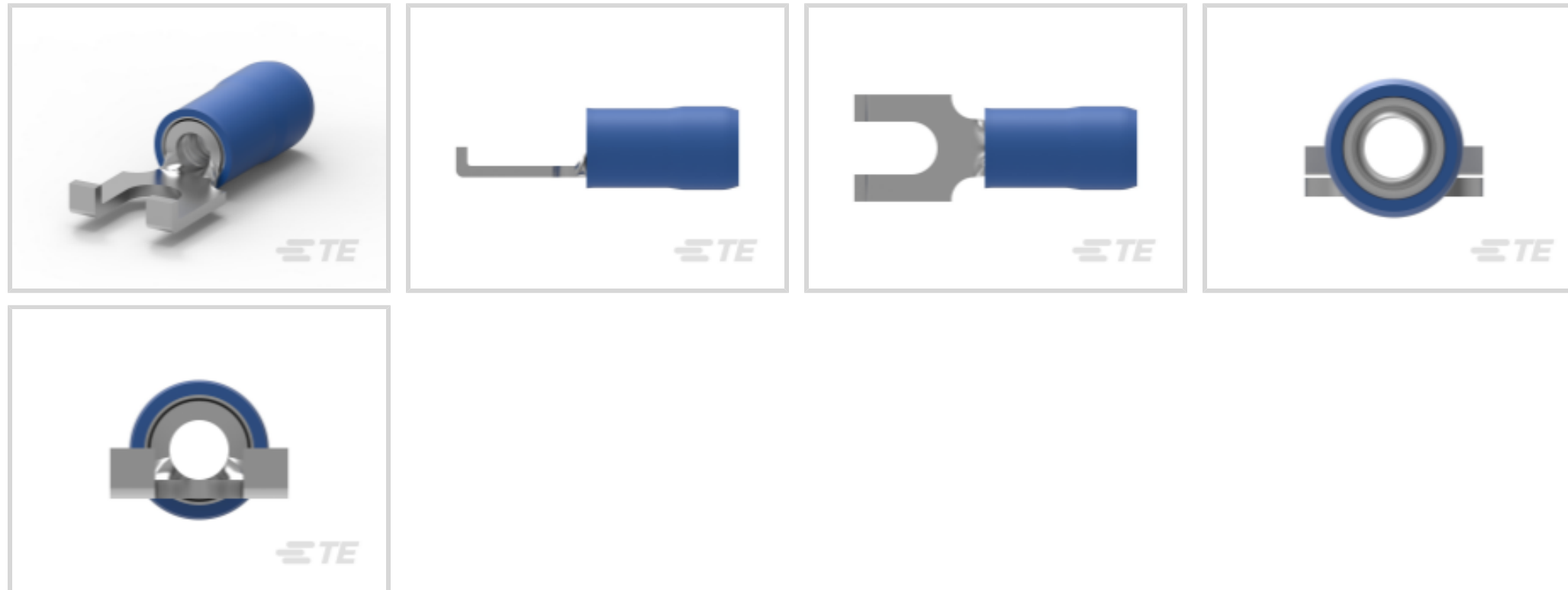
Ring Terminals & Spade Terminals, Spade Flange Tongue, 16 – 14

AWG Wire Size, 1.25 – 2 mm² Wire Size, 2050 – 5180 CMA Wire

Size, Stud Size #10, PIDG

[View on TE.com >](#)

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



Ring & Spade Terminal Type: **Spade Flange Tongue**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#10**

[All PIDG Flanged Spade Tongue Terminals \(52\)](#)

Features

Product Type Features

| | |
|--|------------------------|
| Shape Description | SPADE-024 |
| Stud Size | #10 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Configuration Features

| | |
|----------------|-------|
| Terminal Angle | 180 ° |
|----------------|-------|

Electrical Characteristics

| | |
|---------------|-------|
| Voltage (Max) | 300 V |
|---------------|-------|

Body Features

| | |
|------------------|--------|
| Weight per Piece | .945 g |
|------------------|--------|

Contact Features

| | |
|----------------------------|---------------------|
| Ring & Spade Terminal Type | Spade Flange Tongue |
| Barrel Type | Closed |



| | |
|----------------------|-------------------|
| Terminal Orientation | Flanged, Straight |
|----------------------|-------------------|

| | |
|---------------------------|-----|
| Terminal Plating Material | Tin |
|---------------------------|-----|

Mechanical Attachment

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

Dimensions

| | |
|-----------|-----------------|
| Wire Size | 2050 – 5180 CMA |
|-----------|-----------------|

| | |
|---------------|-----------------|
| Stud Diameter | 4.82 mm[.19 in] |
|---------------|-----------------|

| | |
|------------------|-----------------|
| Tongue Thickness | .84 mm[.033 in] |
|------------------|-----------------|

| | |
|------------------------|------------------|
| Overall Product Length | 18.7 mm[.737 in] |
|------------------------|------------------|

| | |
|--|-----------------|
| Accepts Wire Insulation Diameter (Max) | 4.32 mm[.17 in] |
|--|-----------------|

| | |
|--|-------------------------------|
| Accepts Wire 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 |
|---------------------------------------|-----|

| | |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

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

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

| | |
|------------------|--------------|
| 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) |
|--|---|



Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

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 # 58433-3
PRO CR ASSY, RBY IS9252

TE Part # 58423-1
DIE, 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)

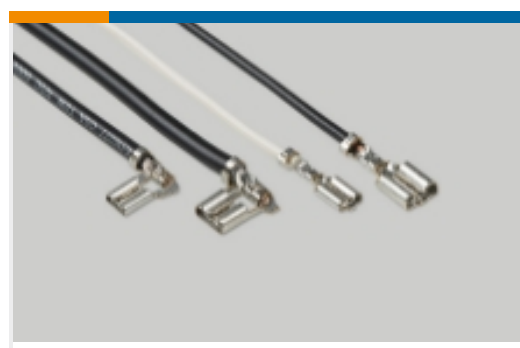
Hand Crimping Tools(2)



Knife Disconnects(11)



PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

Documents

Product Drawings

[TERMINAL,PIDG SPD FLG 16-14 10](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-320863-1_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-320863-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-320863-1_K.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English