

130522 ✓ ACTIVE



PIDG

TE Internal #: 130522

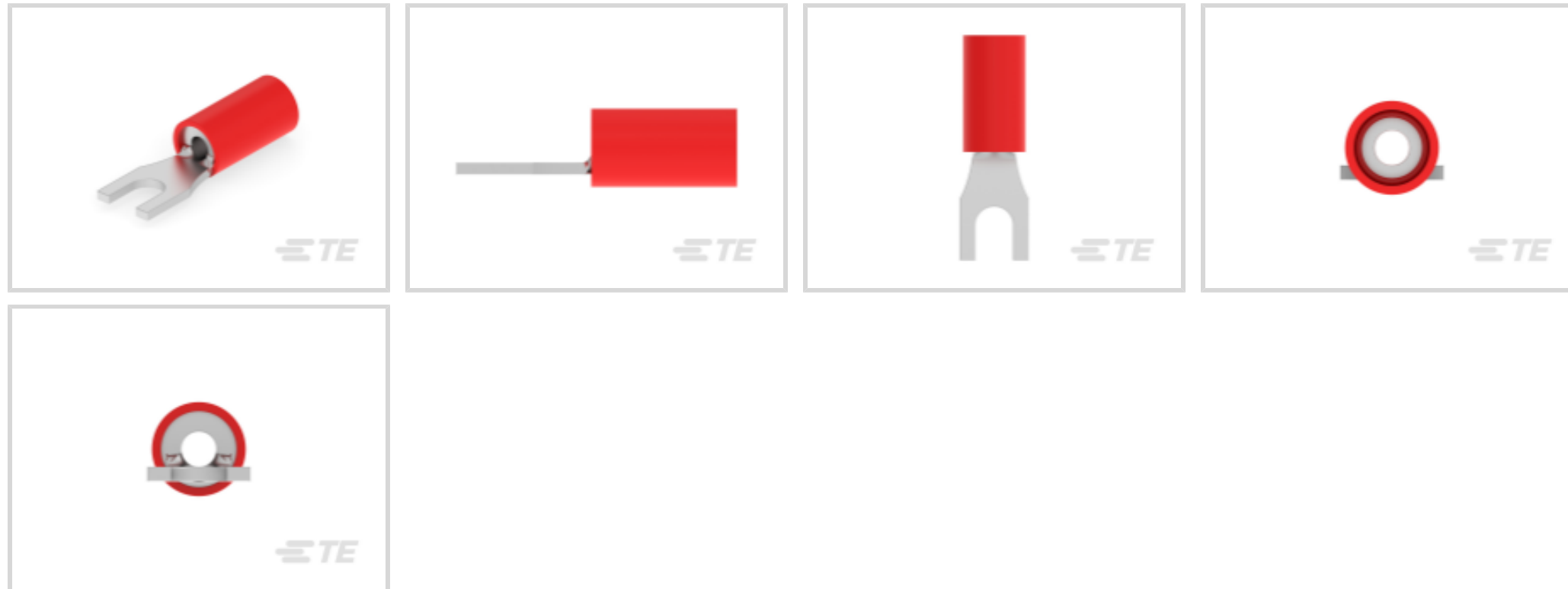
Ring Terminals & Spade Terminals, Spade Tongue, 22 – 16 AWG

Wire Size, .3 – 1.31 mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size, Stud

Size M2.5, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **509 – 3260 CMA**

Stud Size: **M2.5**

**Features**

**Product Type Features**

Shape Description	SPADE-020
Stud Size	M2.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Configuration Features**

Terminal Angle	180 °
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**Electrical Characteristics**

Voltage (Max)	300 V
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**Body Features**

Inspection Slot	No
Insulation Sleeve Color	Red
Stripe Color	Red

**Contact Features**

Ring & Spade Terminal Type	Spade Tongue
Barrel Type	Closed



Terminal Orientation	Straight
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Terminal Plating Material	Tin
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 3260 CMA
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Stud Diameter	3 mm[.118 in]
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Tongue Thickness	.79 mm[.031 in]
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Overall Product Length	19.6 mm[.772 in]
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Accepts Wire Insulation Diameter (Max)	3.8 mm[.15 in]
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Accepts Wire Insulation Diameter Range	2.7 – 3.8 mm[.106 – .15 in]
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### Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C[221 °F]
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### Operation/Application

Compatible With Wire Base Material	Copper
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Compatible With Wire Plating Material	Tin
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Heavy Duty	No
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Method	Box
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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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

REPRESENTATION ONLY

TE Part # 47386-4  
DAHT PG PIDG 26-16 ASSY

REPRESENTATION ONLY

TE Part # 525690  
DAHT PG PIDG 20-18 ASSY

TE Part # 8-1377173-4  
SMP 0-0130522-0

TE Part # 169400  
CERTI-LOK FRAME W/O DIES

TE Part # 169404  
CERTI-LOK DIE

### Also in the Series | PIDG

Compression Connectors(17)

Crimp Terminal Housings(1)

Crimp Wire Pins, Tabs & Ferrules(41)

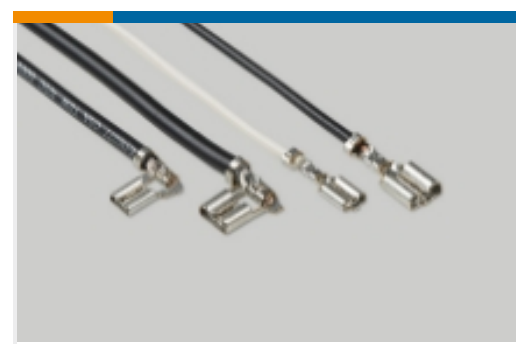
Hand Crimping Tools(2)



Knife Disconnects(11)



PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals &amp; Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

## Documents

### Product Drawings

#### PIDG SPADE

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_130522\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_130522\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_130522\\_E.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

#### TE Material Declaration

English

### Agency Approvals

#### UL Report

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mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size, Stud Size M2.5, PIDG



English