



PIDG

TE Internal #: 53549-1

Butt Splice, 16 – 14 AWG Wire Size, 1.25 – 2 mm<sup>2</sup> Wire Size, Serrated, 2.16 mm [.085 in] Barrel Inside Diameter, PIDG, Splices

[View on TE.com >](#)

Terminals & Splices > Splices > PIDG Butt Splices



Splice Type: **Butt Splice**

Wire Size: **1.25 – 2 mm<sup>2</sup>**

Sealable: **No**

Splice Features: **Serrated**

[All PIDG Butt Splices \(25\)](#)

**Features**

**Product Type Features**

Splice Type	Butt Splice
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
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**Body Features**

Insulation Support Sleeve Material	Copper
Insulation Material	PVF2
Product Weight	3.402 g
Splice Features	Serrated

**Contact Features**

Military Part Class	Class I
Terminal Plating Material	Tin-Lead



Contact Base Material	Copper
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Barrel Type	Closed
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	2050 – 5180 CMA
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Compatible Insulation Diameter Range	3.81 mm[.15 in]
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Barrel Inside Diameter	2.16 mm[.085 in]
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Product Length	32.14 mm[1.265 in]
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### Usage Conditions

Insulation Option	Fully Insulated
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Operating Temperature Range	150 °C[302 °F]
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### Industry Standards

Government Qualified Splice	Yes
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### Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part)
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**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

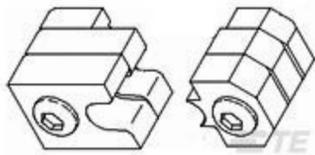
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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## Product Compliance Disclaimer

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 # 59170 T-HEAD PIDG SH 26-14 ASSY</p>	 <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 47387-7 DAHT PG PIDG 16-12 ASSY</p>
 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 47387 DAHT PG PIDG 20-14 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 # 2392022-2 BLUE BATTERY DAHT KIT 220V (47387-7)</p>
 <p>TE Part # 2392022-1 BLUE BATTERY DAHT KIT 110V (47387-7)</p>	 <p>TE Part # 169404 CERTI-LOK DIE</p>	 <p>TE Part # 1SET191001R0000 CRIMP-HT</p>	 <p>TE Part # 1SET191002R0000 TET CRIMP-HT</p>

## Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



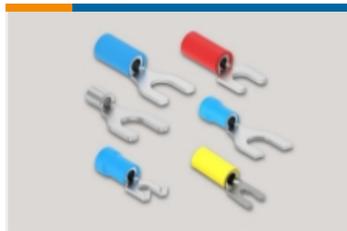
Knife Disconnects(11)



Quick Disconnects(32)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)

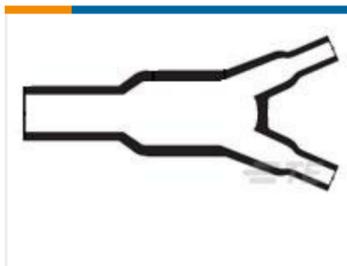


Splices(40)

## Customers Also Bought



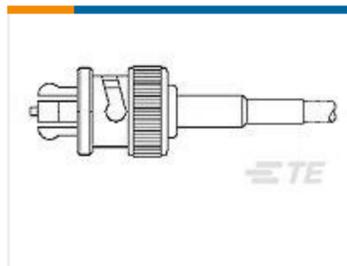
TE Part #195133-000  
S1255-04-3/4X100FT



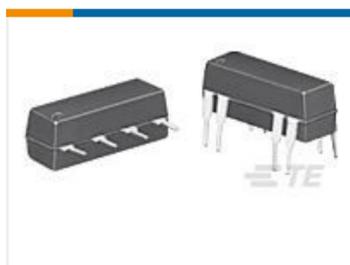
TE Part #823696-000  
382A023-25-0



TE Part #53418-1  
PIDG Radiation Resistant C Rings  
/Spades



TE Part #5051426-2  
SAFE HIGH VOLTAGE PLUG



TE Part #1-1393771-0  
JWD-171-15=REED RELAYS



TE Part #201390-5  
PIN HOOD 50-POS.



## Documents

### Product Drawings

[SPLICE BUTT PVF2 PIDG 16-14](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_53549-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53549-1\\_M.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53549-1\\_M.2d\\_dxf.zip](#)

English

### 3D PDF

English

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