

53549-1 ✓ ACTIVE

## PIDG

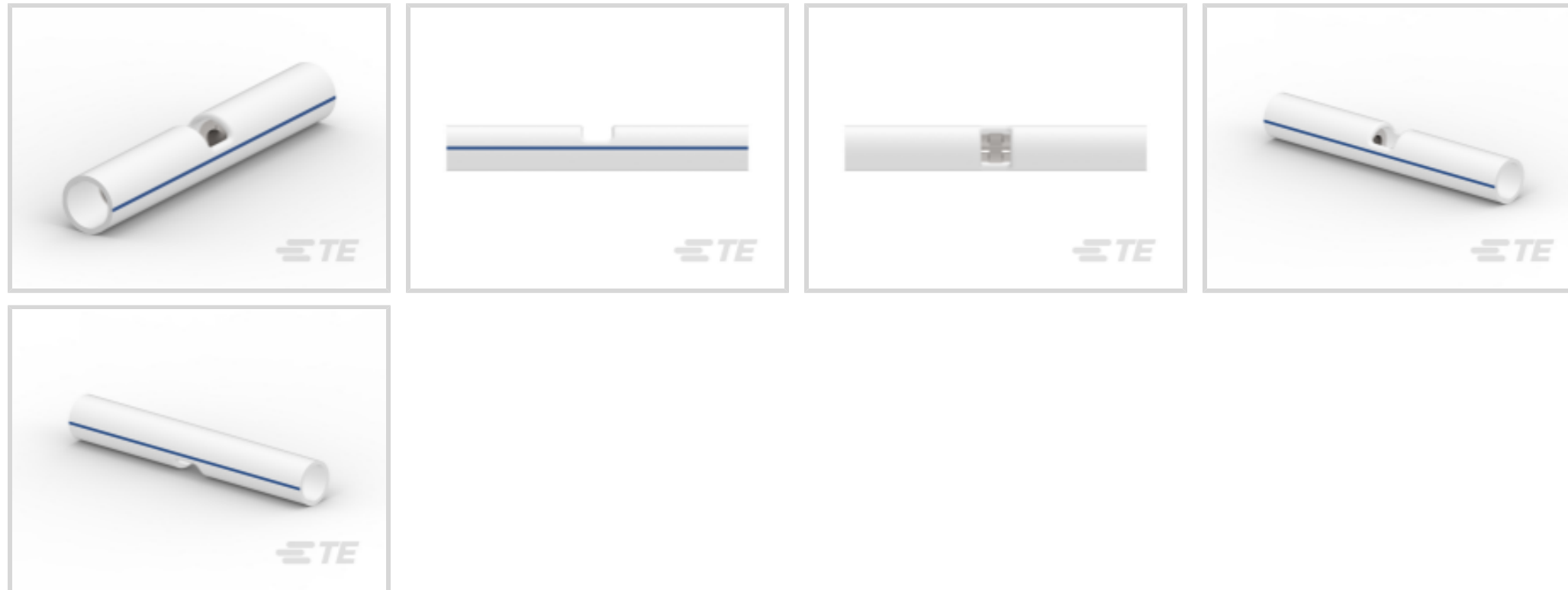
TE Internal #: 53549-1

Splices, 16 – 14 AWG Wire Size, 1.25 – 2 mm<sup>2</sup> Wire Size, Serrated, .129 in [3.27 mm] Barrel Inside Diameter, 2050 – 5180 CMA Wire Size, Copper, PIDG

[View on TE.com >](#)



Terminals & Splices > Splices > PIDG Butt Splices



Wire Size: 1.25 – 2 mm<sup>2</sup>

Sealable: No

Splice Features: **Serrated**

Accepts Wire Insulation Diameter Range: 3.81 mm [.15 in]

[All PIDG Butt Splices \(29\)](#)

## Features

### Product Type Features

Sealable	No
Splice Type	Butt Splice
Serrated	Yes
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 Sleeve Material	PVF2
Insulation Support Sleeve Material	Copper
Weight per Piece	3.402 g
Plating Material	Tin-Lead
Splice Features	Serrated



Primary Product Material	Copper
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### Contact Features

Class	1
Contact Plating Material	Tin-Lead
Barrel Type	Closed

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Barrel Inside Diameter (Min)	2.16 mm[.085 in]
Wire Size	2050 – 5180 CMA
Accepts Wire Insulation Diameter Range	3.81 mm[.15 in]
Barrel Inside Diameter	3.27 mm[.129 in]
Overall Product Length	32.14 mm[1.265 in]

### Usage Conditions

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

### Operation/Application

Heavy Duty	No
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### Industry Standards

Government Qualified Splice	Yes
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

### Product Compliance

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

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



SVHC > Threshold:

Pb (13% in Component Part)

**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

Low Bromine/Chlorine - Br and Cl < 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 # 59170  
T-HEAD PIDG SH 26-14 ASSY



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



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



TE Part # 59250  
T-HEAD PIDG 26-14 ASSY



REPRESENTATION ONLY

TE Part # 47387  
DAHT PG PIDG 20-14 ASSY



TE Part # 58423-1  
DIE, RBY IS9252



REPRESENTATION ONLY

TE Part # 47387-7  
DAHT PG PIDG 16-12 ASSY



REPRESENTATION ONLY

TE Part # 525691  
DAHT PG PIDG 16-14 ASSY



TE Part # 539691-2  
ERGO DIE R.B.Y



TE Part # 2063030-1  
SDE DIESET, RBY, UL



TE Part # 47807-1  
DIES PIDG 16-14 DIE SET



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



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)



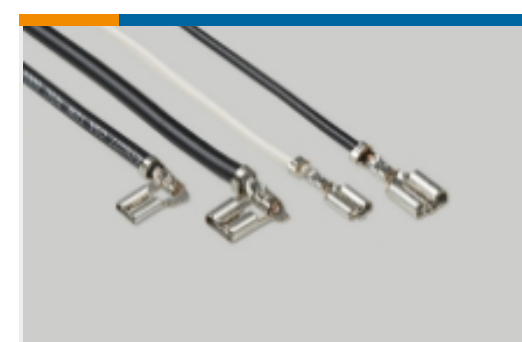
Hand Crimping Tools(2)



Knife Disconnects(11)



PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

## Documents





### Product Drawings

#### [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.

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### Datasheets & Catalog Pages

#### [RADIATION\\_RESISTANT\\_PRE-INSULATED\\_TERMINALS\\_SPLICES](#)

English

#### [Standard Terminals & Splices](#)

English

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### Product Specifications

#### [Application Specification](#)

English