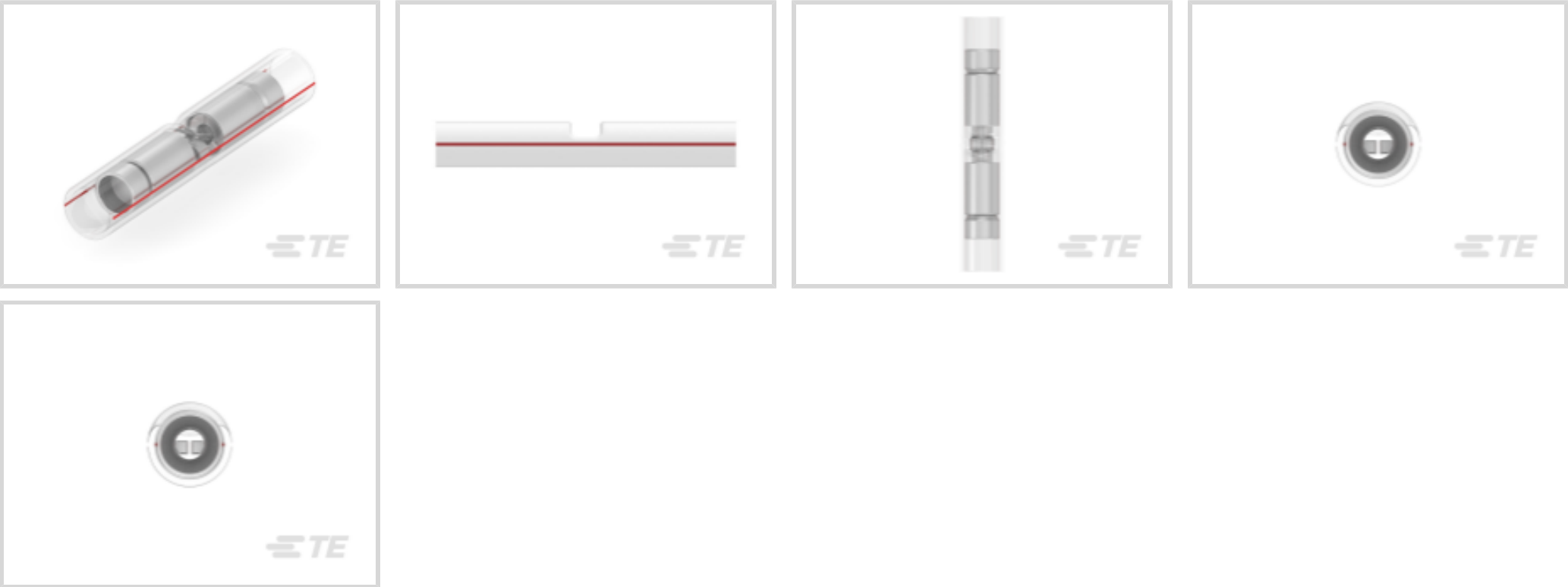




PIDG

TE Internal #: 53548-1  
Butt Splice, 22 – 16 AWG Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size,  
Serrated, 1.55 mm [.061 in] Barrel Inside Diameter, PIDG, Splices  
[View on TE.com >](#)

Terminals & Splices > Splices > PIDG Butt Splices



Splice Type: **Butt Splice**  
Wire Size: **.3 – 1.42 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 |
|-----------------------------------|---------------|

Body Features

|                                    |          |
|------------------------------------|----------|
| Insulation Support Sleeve Material | Copper   |
| Stripe Color                       | Red      |
| Insulation Material                | PVF2     |
| Product Weight                     | 2 g      |
| Splice Features                    | Serrated |

Contact Features

|                     |         |
|---------------------|---------|
| Military Part Class | Class I |
|---------------------|---------|



|                           |          |
|---------------------------|----------|
| Terminal Plating Material | Tin-Lead |
| Contact Base Material     | Copper   |
| Barrel Type               | Closed   |

Mechanical Attachment

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

Dimensions

|                                      |                    |
|--------------------------------------|--------------------|
| Wire Size                            | 509 – 3260 CMA     |
| Compatible Insulation Diameter Range | 3.18 mm[.125 in]   |
| Barrel Inside Diameter               | 1.55 mm[.061 in]   |
| Product Length                       | 32.14 mm[1.265 in] |

Usage Conditions

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

Industry Standards

|                             |     |
|-----------------------------|-----|
| Government Qualified Splice | Yes |
|-----------------------------|-----|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

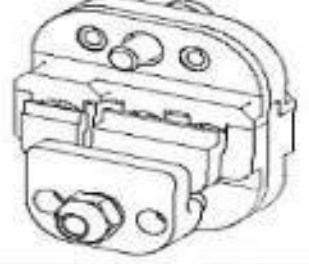
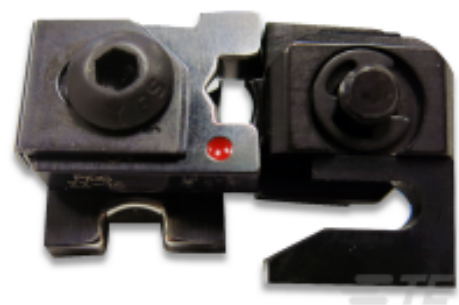
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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.                                                                                                                                                                                                                                                                                                                                                                                |
| 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 # 59170<br/>T-HEAD PIDG SH 26-14 ASSY</p> |  <p>TE Part # 47386-4<br/>DAHT PG PIDG 26-16 ASSY</p>               |  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>  |
|  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>         |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 47386<br/>DAHT PG PIDG 26-16 ASSY</p>   |  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>       |
|  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>   |  <p>TE Part # 47806-2<br/>DIES PIDG 22-16 DIE SET</p>               |  <p>TE Part # 59300<br/>T-HEAD PIDG PG 26-16 ASSY</p> |  <p>TE Part # 69454<br/>DAHT PIDG PG 22-18 ASSY</p> |



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

TE Part # 2392021-2  
RED BATTERY DAHT KIT 220V (47689-4)

TE Part # 2392021-1  
RED BATTERY DAHT KIT 110V (47689-4)

TE Part # 169404  
CERTI-LOK DIE

TE Part # 1SET191001R0000  
CRIMP-HT

TE Part # 1SET191002R0000  
TET CRIMP-HT

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 #6609037-9  
20EP1=F7773 S0



TE Part #5532600-2  
CONN SEC II 25 POS 100 C/L RA



TE Part #34144  
PG R 22-16 COMM 22-18 MIL 6



TE Part #2-34144-1  
PG R 22-16 COMM 22-18 MIL 6



TE Part #12333-12  
CONT SOC ASSY



TE Part #2154829-1  
High Power Inverted Thru Board Con 2 Pos



TE Part #53408-1  
PIDG PVF2 R 22-16COM22-18MIL 8



TE Part #321026  
SPLICE,PG BUTT 26-22



TE Part #YDIV46E15-18PNC009  
PLUG ASSY



TE Part #1-1423176-0  
EGPDNRC2015004=RLY,NUC,GEN. P

Documents

Product Drawings

SPLICE BUTT PVF2 PIDG 22-16

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_53548-1\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_53548-1\_K.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_53548-1\_K.2d\_dxf.zip

English

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_53548-1\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53548-1\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53548-1\\_N.3d\\_stp.zip](#)

English

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