



**PIDG**

TE Internal #: 8-320559-2

Splices, Butt Splice, 22 – 16 AWG Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size, Serrated, .509 – 3.26 kcmil Wire Size, 509 – 3260 CMA Wire Size, Copper, PIDG

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

**Configuration Features**

Number of Serrations	8
Compatible With Wire & Cable Type	Discrete Wire

**Body Features**

Insulation Material	Nylon
Product Weight	.709 g
Splice Features	Serrated
Primary Product Color	Red - Translucent



### Contact Features

Terminal Plating Material	Tin
Contact Base Material	Copper
Barrel Type	Closed

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 3260 CMA
Compatible Insulation Diameter Range	3.18 mm[.125 in]
Terminal Material Thickness	.46 mm[.018 in]
Product Length	32.13 mm[1.265 in]

### Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	105 °C[221 °F]

### Industry Standards

Government Qualified Splice	No
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### Packaging Features

Packaging Quantity	50
Packaging Method	Loose Piece

### 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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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

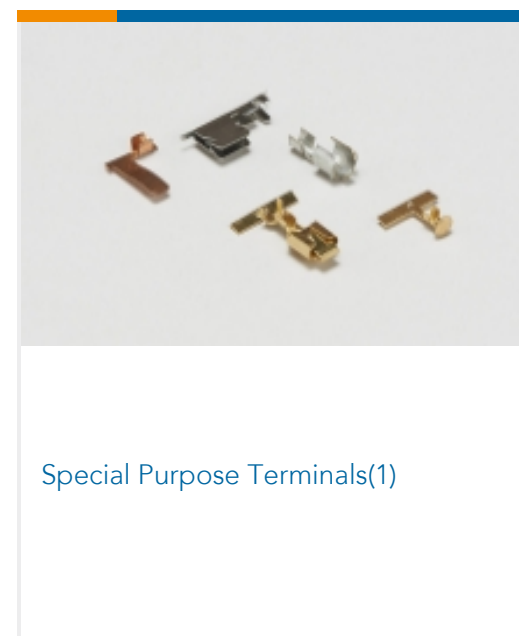
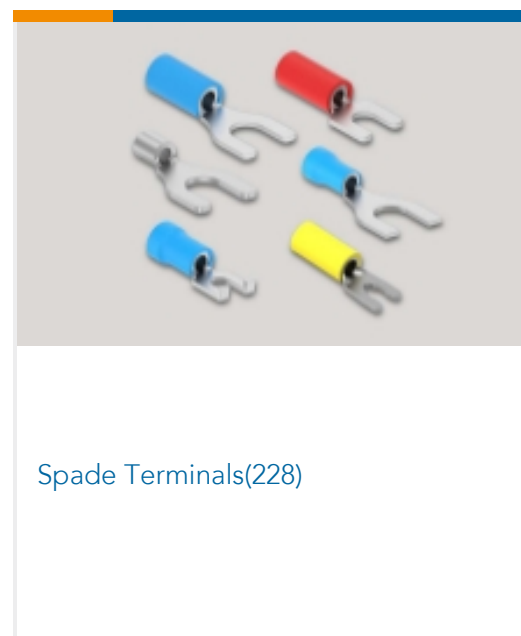
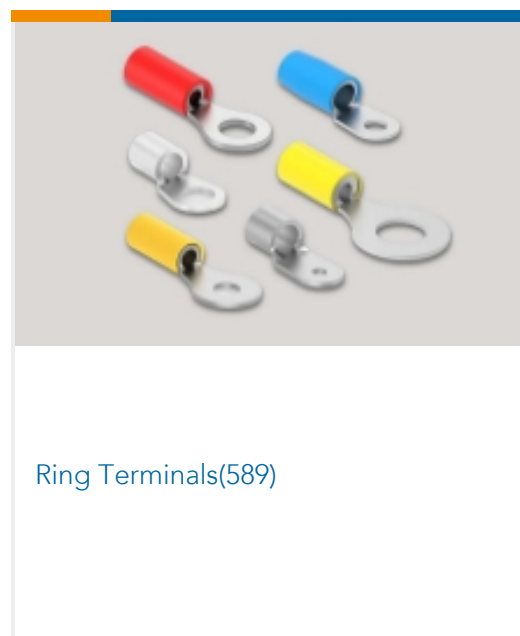
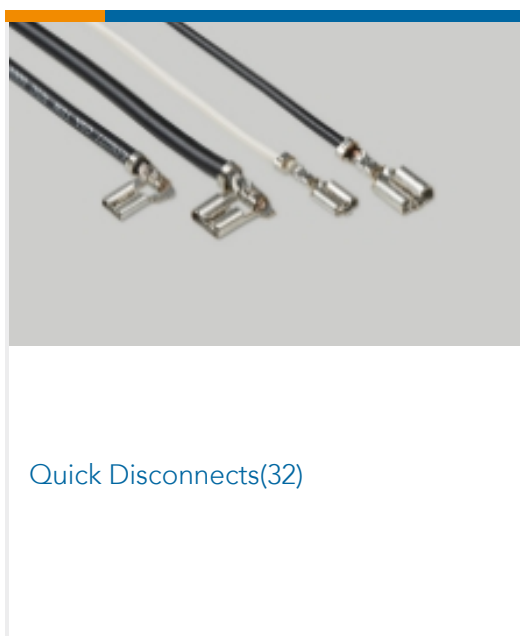
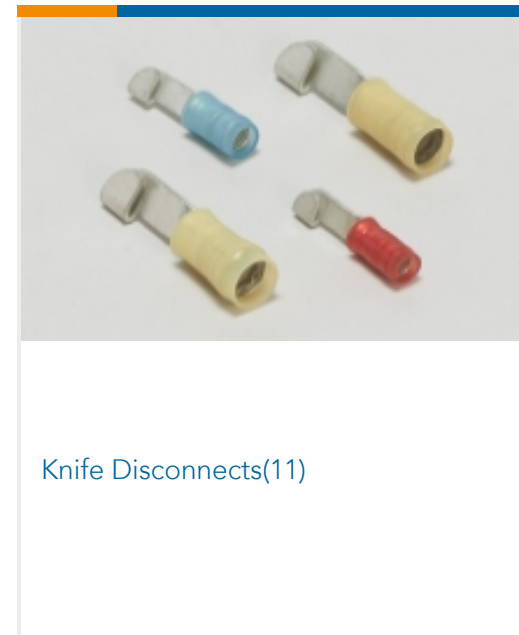
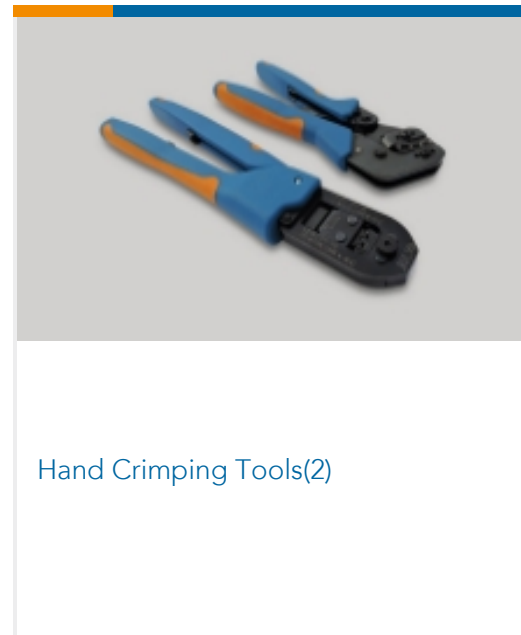
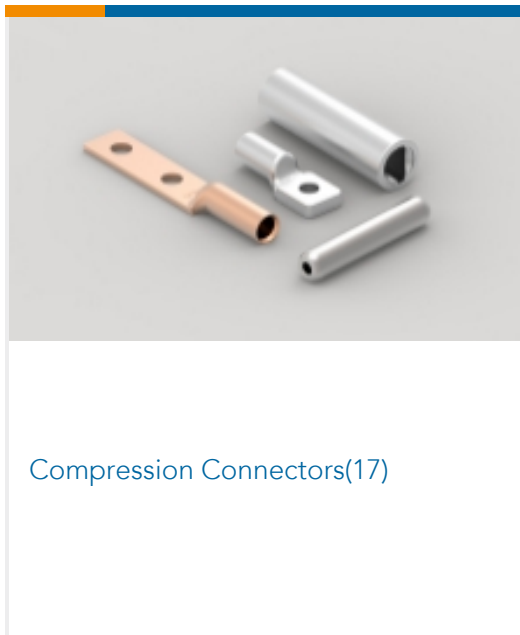
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





## Also in the Series | PIDG



## Customers Also Bought

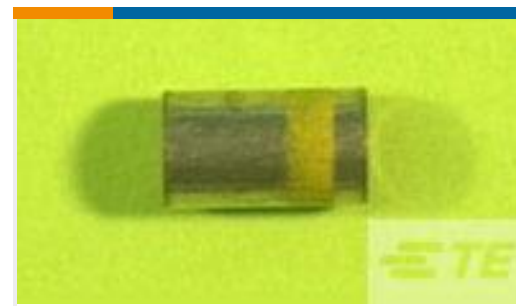




TE Part #5787617-1  
RECP ASSY, R/A, STACKED, THRU-HOLE, USB,



TE Part #350218-7  
UMNL PIN 20-14 .0126AUBR



TE Part #680104-000  
D-609-03



TE Part #2-1393254-2  
W91-X112-10=M6/M7/M9/W6/W7



TE Part #2-1393254-3  
W91-X112-15=M6/M7/M9/W6/W7

## Documents

### Product Drawings

[SPLC BUTT PIDG22-16C22-18M](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_8-320559-2\\_V.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-320559-2\\_V.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-320559-2\\_V.2d\\_dxf.zip](#)

English

**3D PDF**

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-320559-2\\_AE.2d\\_dxf.zip](#)

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Customer View Model

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Customer View Model

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English



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