



PIDG

TE Internal #: 327638

Splices, 16 – 14 AWG / 12 – 10 AWG Wire Size, 2.62 – 6.64 mm² /

1.04 – 2.62 mm² Wire Size, Step Down, Copper, Yellow -

Translucent, PIDG

[View on TE.com >](#)

Terminals & Splices > Splices > PIDG Stepdown Butt Splices



Wire Size: 1.04 – 2.62 mm², 2.62 – 6.64 mm²

Sealable: No

Splice Features: **Step Down**

Primary Product Material: **Copper**

[All PIDG Stepdown Butt Splices \(7\)](#)

Features

Product Type Features

Discrete Wire Type	Stranded
Splice Accessory Type	Splice
Sealable	No
Splice Type	Butt Splice
Serrated	Yes
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

Electrical Characteristics

Operating Voltage	300 V
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Body Features



Insulation Sleeve Material	Nylon
Insulation Type	Pre-Insulated
Plating Material	Tin
Insulation Material	Nylon
Splice Features	Step Down
Primary Product Material	Copper
Primary Product Color	Yellow - Translucent

Contact Features

Contact Plating Material	Tin
Barrel Type	Closed

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Inside Diameter (Recovered)	2.16 mm[.085 in]
Outside Diameter	5.64 mm[.222 in]
Wire Size	1.04 – 2.62 mm ² , 2.62 – 6.64 mm ²
Terminal Material Thickness	.51 mm[.02 in]
Overall Product Length	42.06 mm[1.656 in]

Usage Conditions

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

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified Splice	No
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Packaging Features

Packaging Quantity	50
Packaging Method	Loose Piece

Other

Military Category	No
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Product Compliance






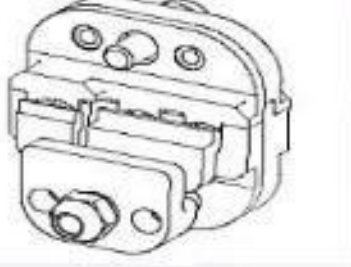

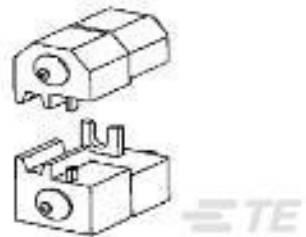
[For compliance documentation, visit the product page on TE.com>](#)

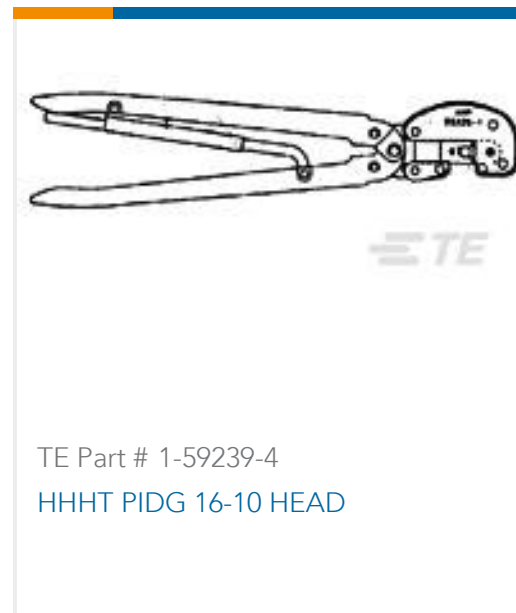
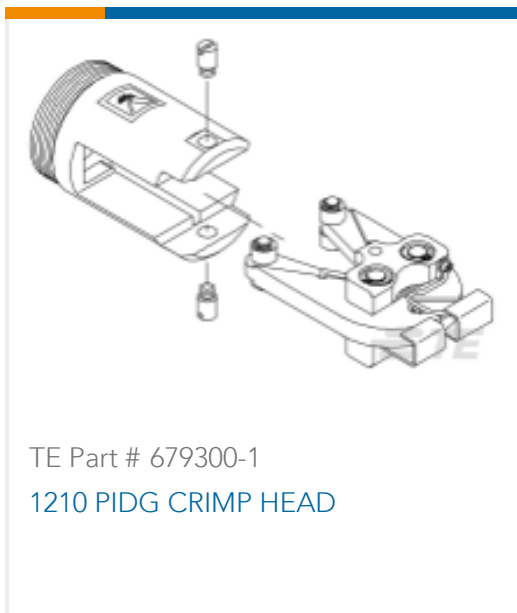
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not 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

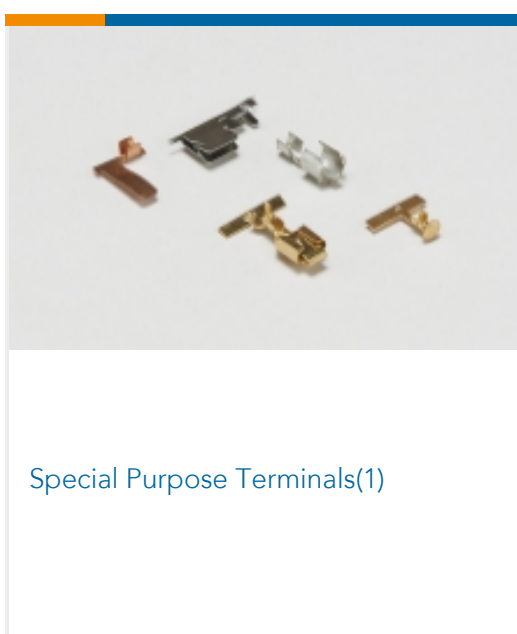
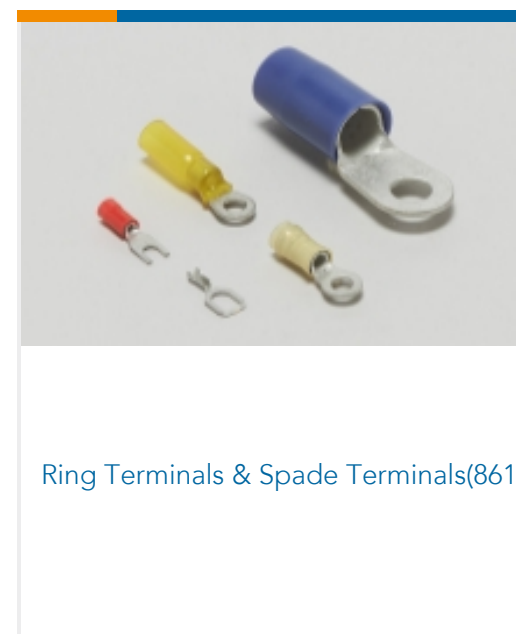
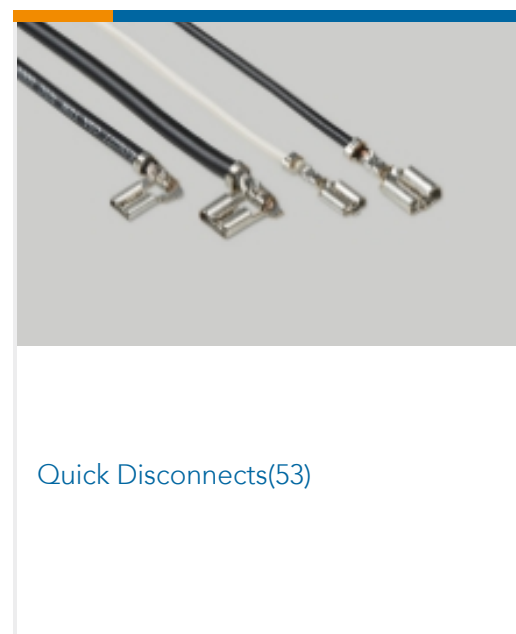
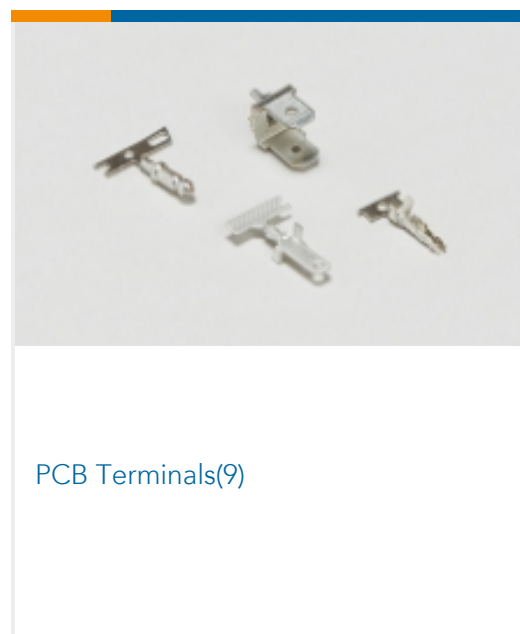
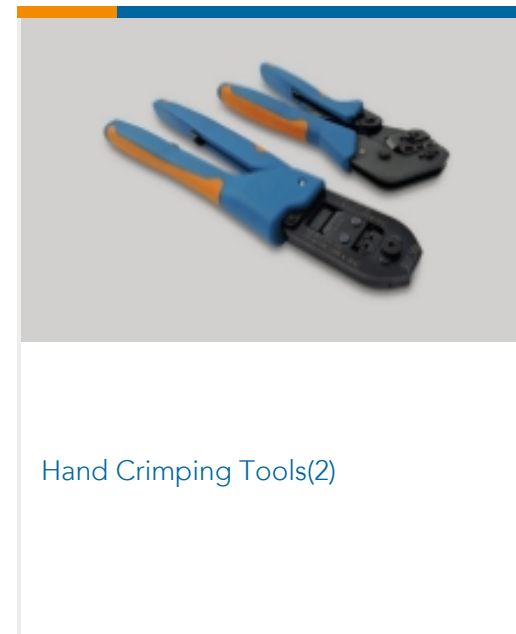
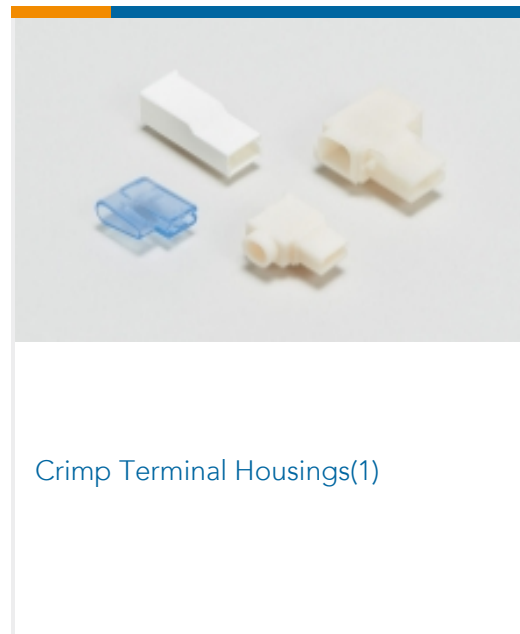
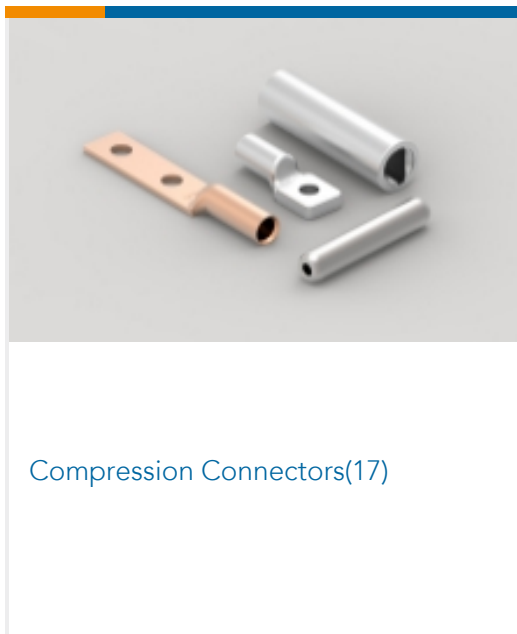
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <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 # 59239-4 HHHT PIDG PG 12-10 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</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 # 2217330-1 KIT, BTLI, 4 TON, NA</p>	 <p>TE Part # 47808-6 DIES PIDG 12-10 DIE SET</p>



Also in the Series | PIDG



Documents



Product Drawings

SPLICE BUTT PIDG 12-10/16-14

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_327638_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_327638_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_327638_M.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_327638_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_327638_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_327638_L.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

PIDG TERMINALS & SPLICES Quick Reference Guide

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

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English