



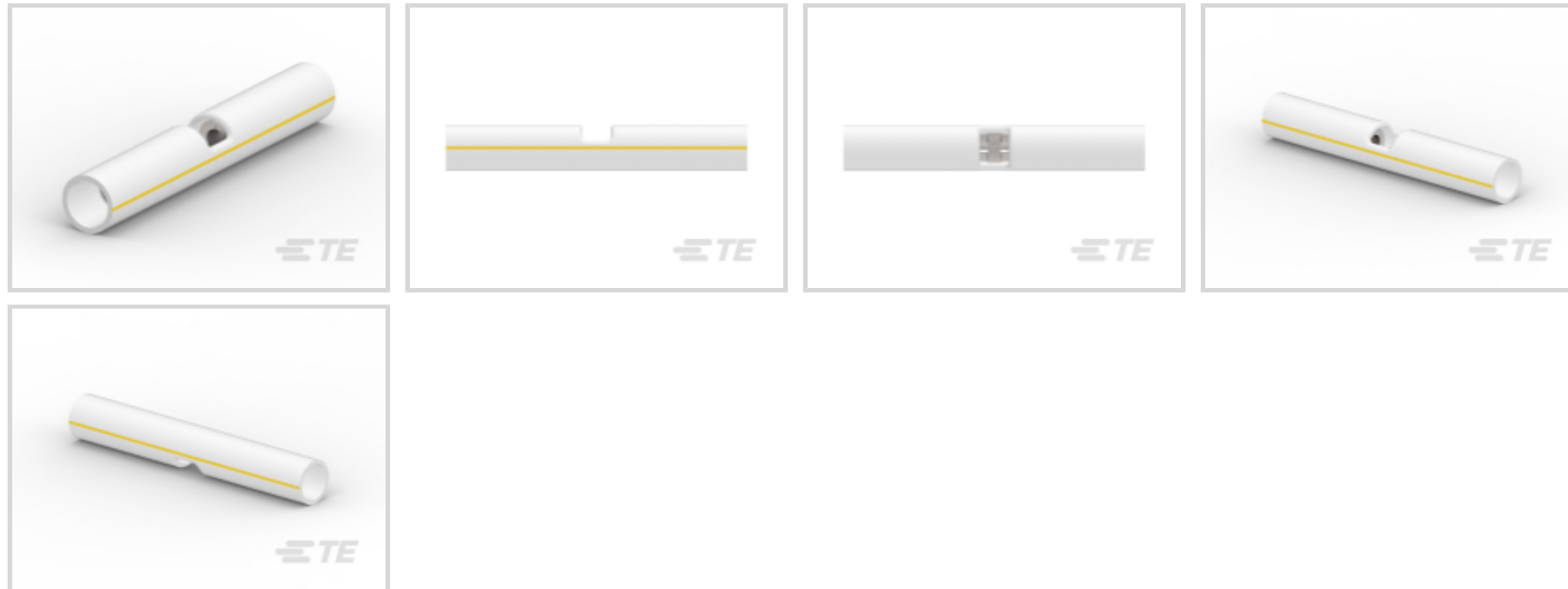
PIDG

TE Internal #: 53550-1

Splices, 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size, Serrated, .129 in [3.27 mm] Barrel Inside Diameter, 5180 – 13100 CMA Wire Size, Copper, PIDG

[View on TE.com >](#)

Terminals & Splices > Splices > PIDG Butt Splices



Wire Size: **3 – 6 mm²**

Sealable: **No**

Splice Features: **Serrated**

Accepts Wire Insulation Diameter Range: **5.59 mm [.22 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	10 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)	3.28 mm [.129 in]
Wire Size	5180 – 13100 CMA
Accepts Wire Insulation Diameter Range	5.59 mm [.22 in]
Barrel Inside Diameter	3.27 mm [.129 in]
Overall Product Length	42.07 mm [.22 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	500
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	Not Compliant
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 plating)

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 Yet Reviewed for halogen content

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



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



TE Part # 59239-4
 HHHT PIDG PG 12-10 ASSY



TE Part # 58423-1
 DIE, RBY IS9252




TE Part # 321286
 PG BUTT 12-10



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



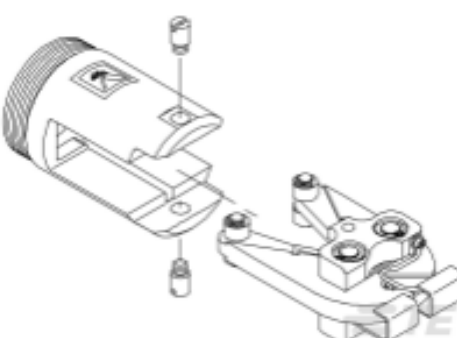
TE Part # 2063030-1
 SDE DIESET, RBY, UL



TE Part # 2217330-1
 KIT, BTLI, 4 TON, NA



TE Part # 47808-6
 DIES PIDG 12-10 DIE SET



TE Part # 679300-1
 1210 PIDG CRIMP HEAD



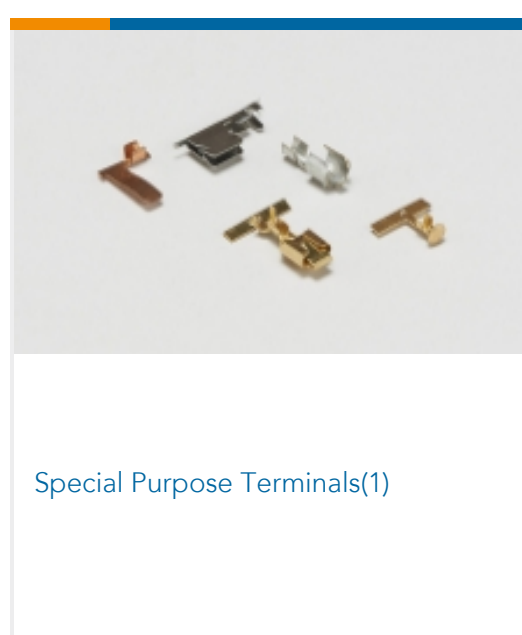
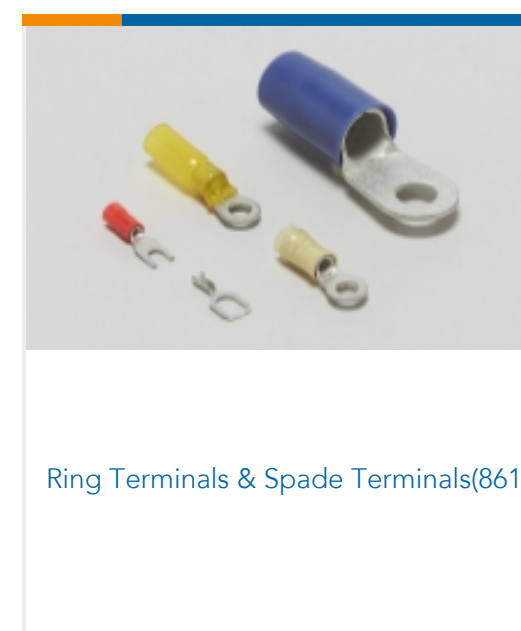
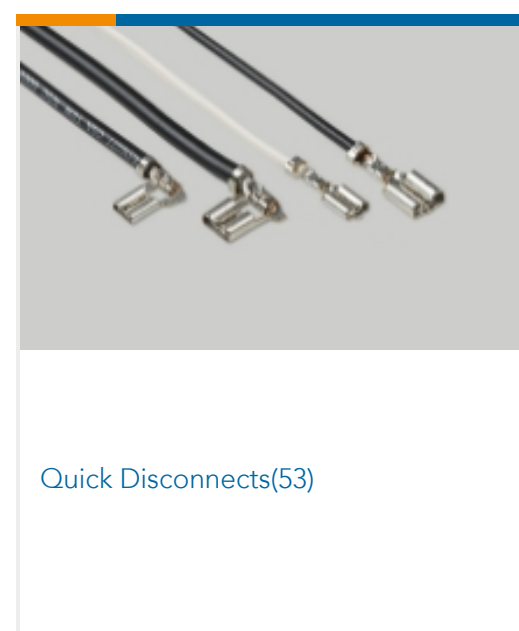
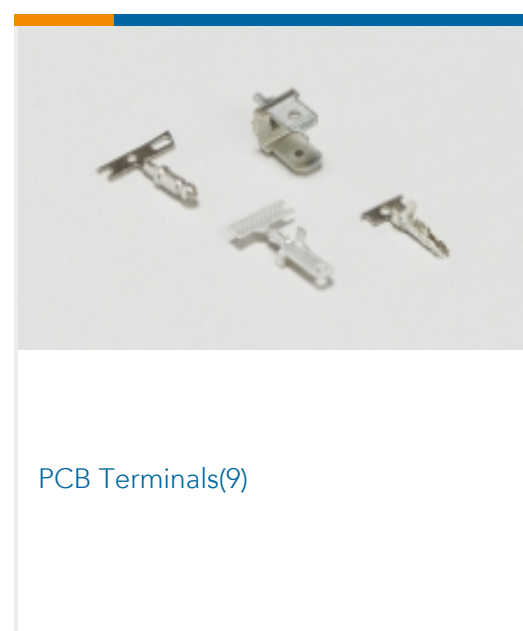
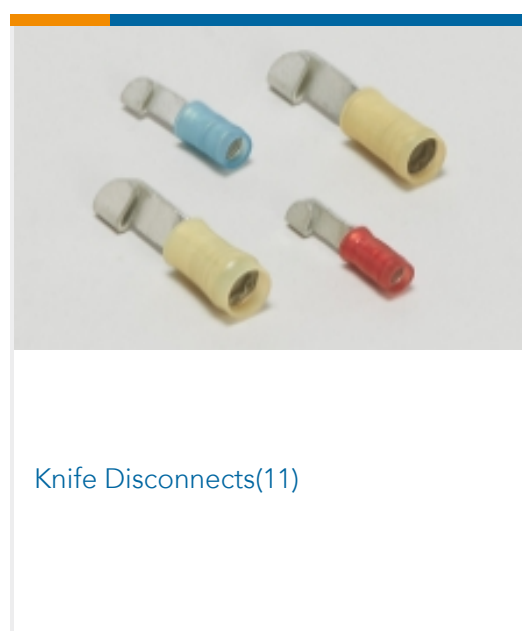
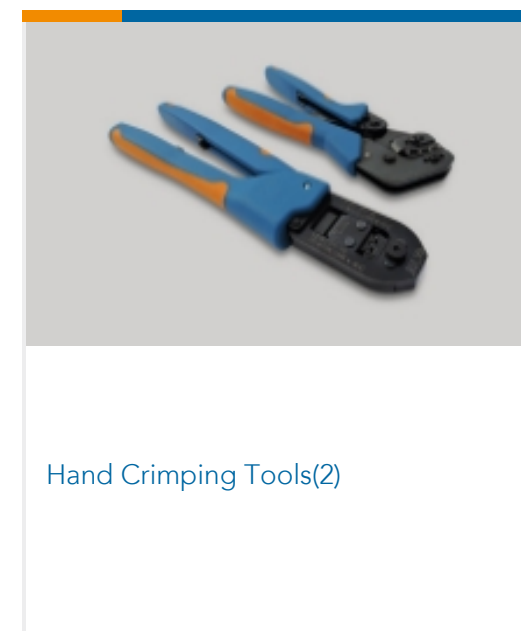
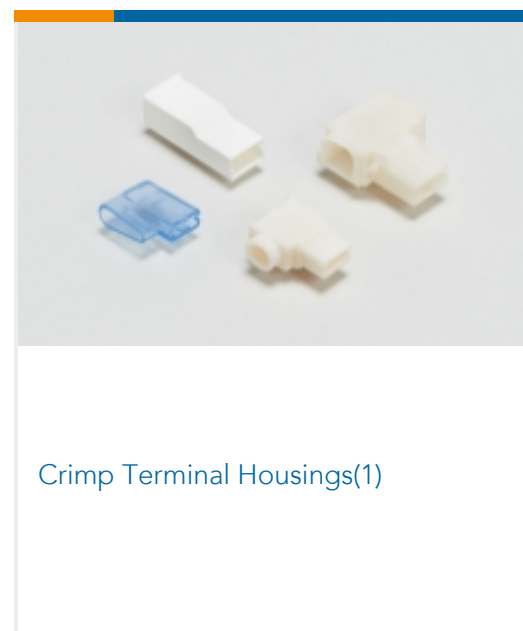
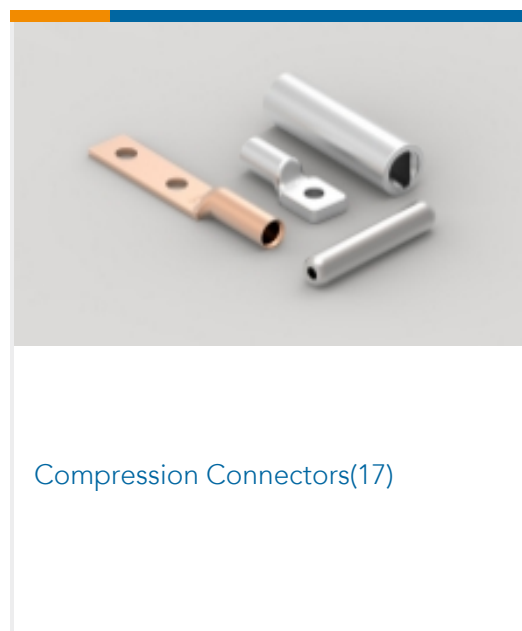
TE Part # 169400
 CERTI-LOK FRAME W/O DIES



TE Part # 1-59239-4
 HHHT PIDG 16-10 HEAD



Also in the Series | PIDG



Documents

Product Drawings

[SPLICE BUTT PVF2 PIDG 12-10](#)

English

CAD Files

[3D PDF](#)

English

[Customer View Model](#)



[ENG_CVM_53550-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_53550-1_M.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53550-1_M.2d_dxf.zip](#)

English

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

Datasheets & Catalog Pages

[RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES](#)

English

Product Specifications

[Application Specification](#)

English