

320570 ✓ ACTIVE



PIDG

TE Internal #: 320570

Splices, Butt Splice, 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size, Serrated, 5180 – 13100 CMA Wire Size, Copper, Yellow - Translucent, PIDG

[View on TE.com >](#)

Terminals & Splices > Splices > PIDG Butt Splices



Wire Size: 3 – 6 mm²

Sealable: No

Splice Features: **Serrated**

Compatible Insulation Diameter Range: 5.59 mm [.22 in]

[All PIDG Butt Splices \(28\)](#)

Features

Product Type Features

Splice Accessory Type	Splice
Sealable	No
Splice Type	Butt Splice
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

Product Weight	3.8 g
Insulation Material	Nylon
Splice Features	Serrated
Primary Product Color	Yellow - Translucent



Contact Features

Military Part Class	Class I
Terminal Plating Material	Tin
Contact Base Material	Copper
Barrel Type	Closed

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	5180 – 13100 CMA
Compatible Insulation Diameter Range	5.59 mm[.22 in]
Terminal Material Thickness	.56 mm[.022 in]
Product Length	41.91 mm[1.65 in]

Usage Conditions

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

Industry Standards

Government Qualified Splice	Yes
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free










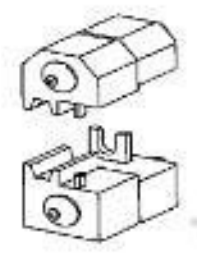
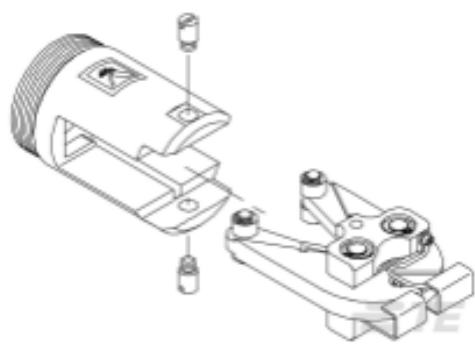

Solder Process Capability

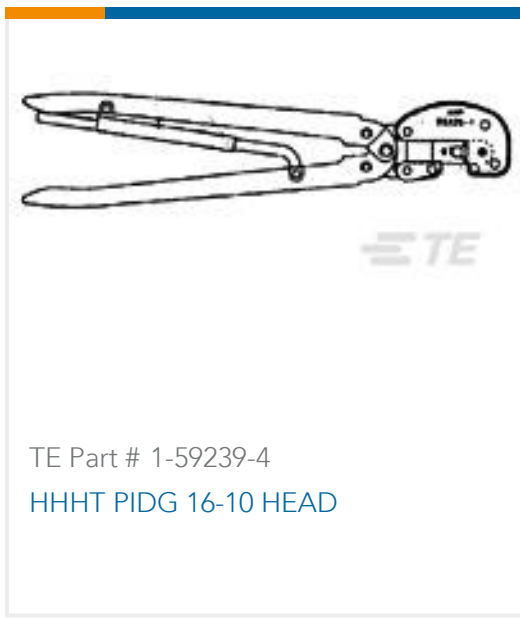
Not applicable for solder process capability

Product Compliance Disclaimer

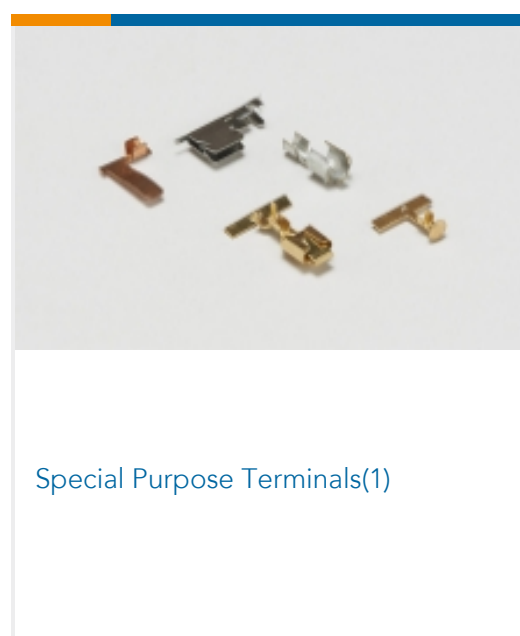
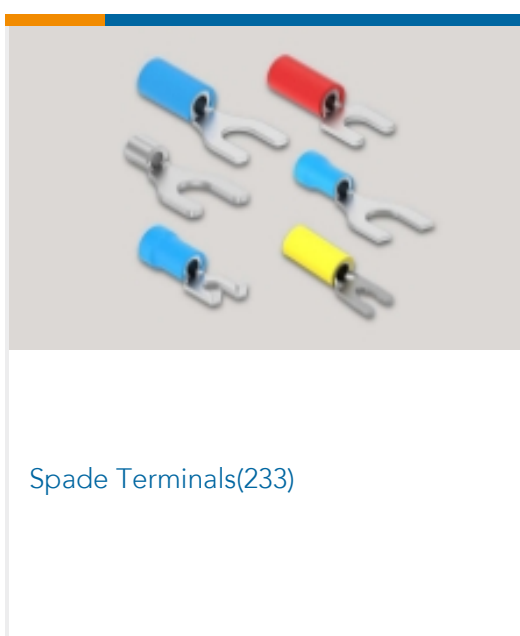
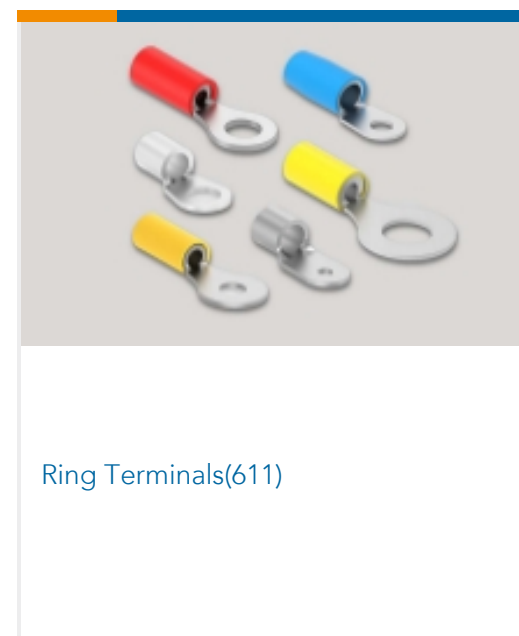
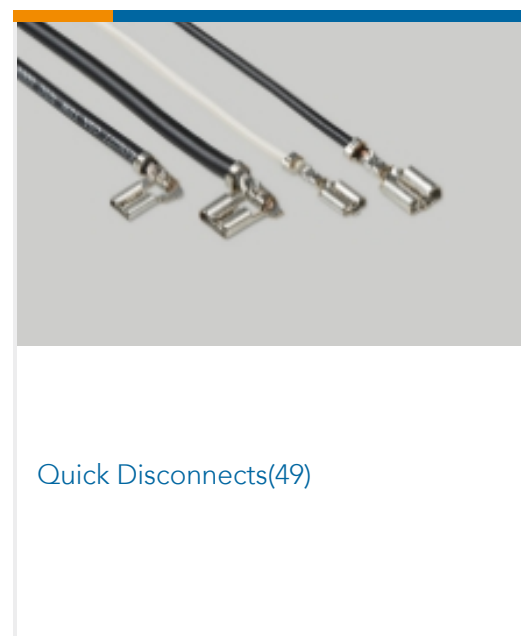
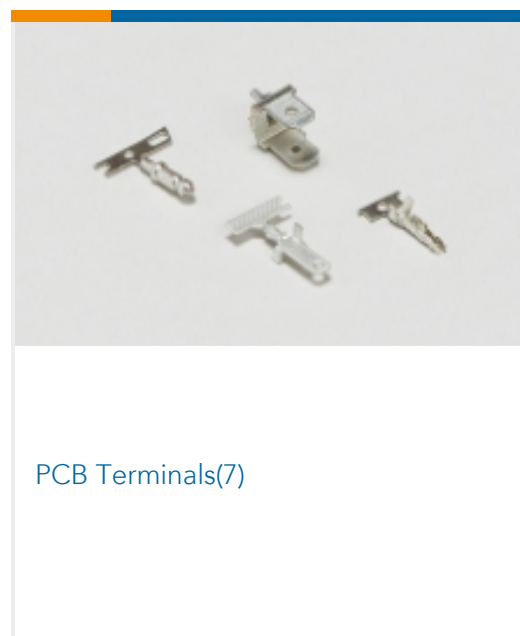
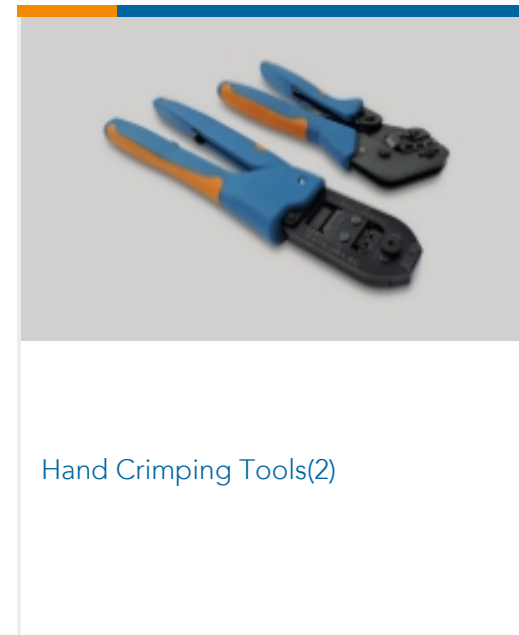
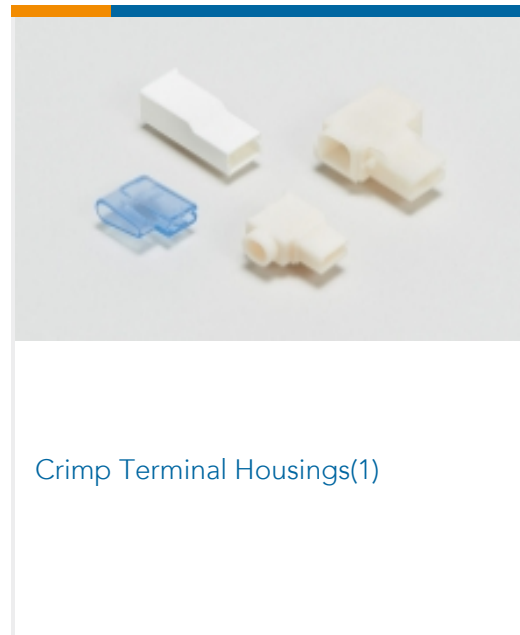
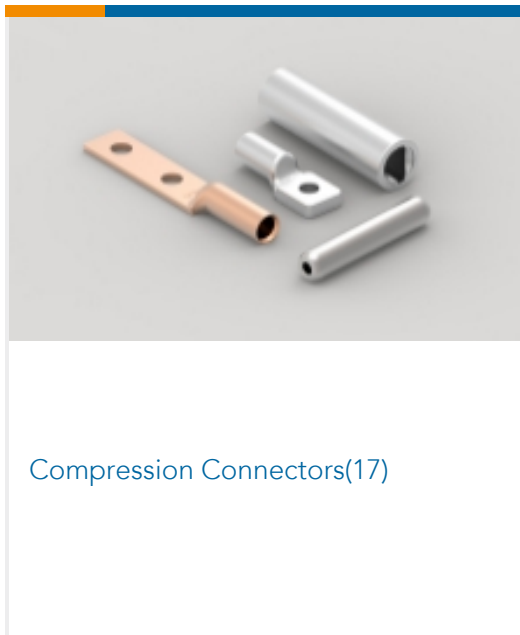
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

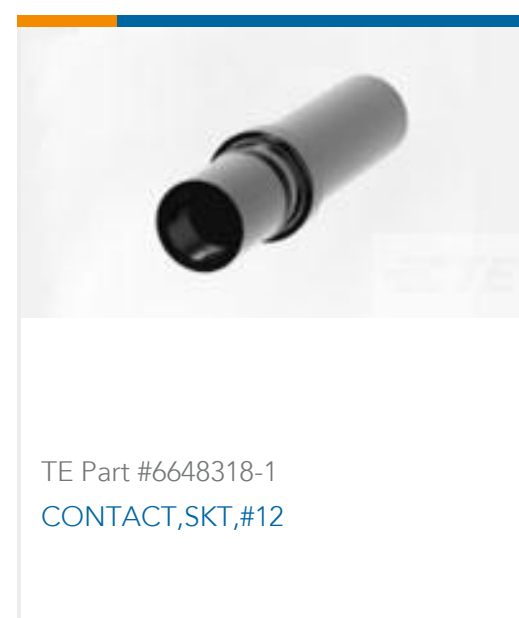
 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 2-1377174-3 SMP 0-0320570-0</p>
 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 539691-2 ERGO DIE R.B.Y</p>	 <p>TE Part # 525692 HHHT PIDG PG 12-10 ASSY</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>	 <p>TE Part # 679300-1 1210 PIDG CRIMP HEAD</p>	 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>



Also in the Series | PIDG



Customers Also Bought





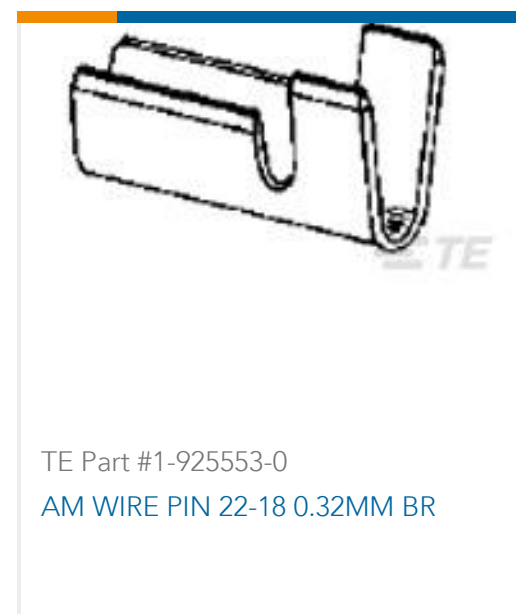
TE Part #1658527-2
622-0630LF FEM SOCKET, LEAD FREE



TE Part #1658527-6
622-1630LF FEM SOCKET, LEAD FREE



TE Part #1650162-3
701-65-02157=CONTACT, PIN, #20



TE Part #1-925553-0
AM WIRE PIN 22-18 0.32MM BR



TE Part #2-1423164-7
7022PF=RLY, STD, OFF, 2P, 125VDC, 1

Documents

Product Drawings

SPLICE BUTT PIDG 12-10

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_320570_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_320570_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_320570_AB.3d_stp.zip](#)

English

3D PDF

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Customer View Model

[ENG_CVM_320570_U.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_320570_U.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_320570_U.2d_dxf.zip](#)

English



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Datasheets & Catalog Pages

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_320570_032920181354_dmtec](#)

English

[MD_320570_032920181354_dmtec](#)

English

Agency Approvals

[UL Report](#)

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