



PIDG

TE Internal #: 320570
Butt Splice, 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size, Serrated,
5180 – 13100 CMA Wire Size, Copper, Yellow - Translucent, PIDG,
Splices

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Terminals & Splices > Splices > PIDG Butt Splices



Splice Type: **Butt Splice**
Wire Size: **3 – 6 mm²**
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	3.8 g
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



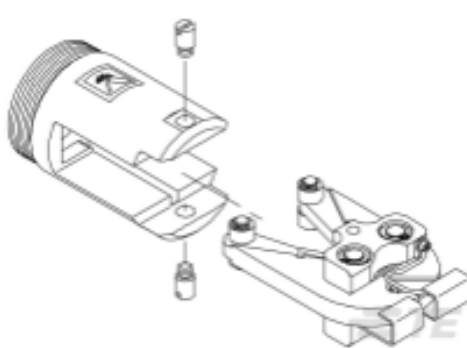
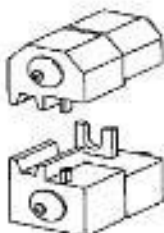
Solder Process Capability

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

 TE Part # 58423-1 DIE, RBY IS9252	 TE Part # 2-1377174-3 SMP 0-0320570-0	 TE Part # 679300-1 1210 PIDG CRIMP HEAD	 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 # 539691-2 ERGO DIE R.B.Y	 TE Part # 525692 HHHT PIDG PG 12-10 ASSY
 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 # 169400 CERTI-LOK FRAME W/O DIES



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

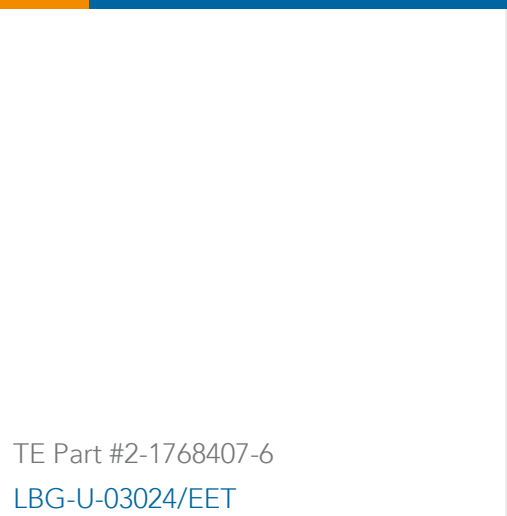
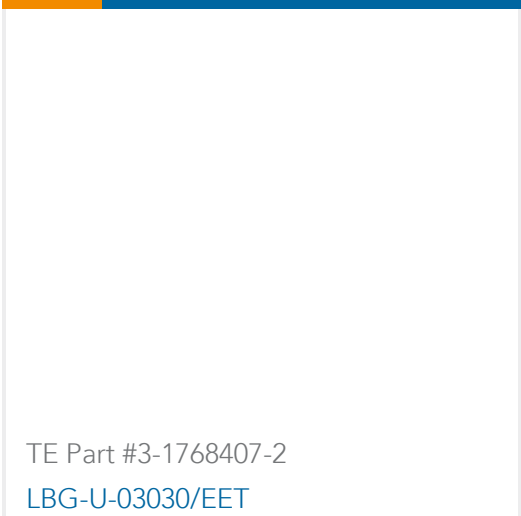
TE Part #321519
SPLICE,CE 22-10

TE Part #1-1423162-8
7022AK=RLY,STD,OFF,2P,120VAC,1

TE Part #31897
PIDG R 22-16COMM 22-18MIL 3/8

TE Part #YD369-G99-NS400000
369 9 WAY INLINE 90 PCB REC, GOLD, SKT



 TE Part #4-1618002-9 EV500-5B=RELAY, PRESSURIZED, S	 TE Part #K1122327 Relay 29-021-02	 TE Part #5-1393159-0 20C419=SPRING,HOLD-DOWN,,.025	 TE Part #1-1423176-0 EGPDNRC2015004=RLY,NUC,GEN. P
 TE Part #2-1768407-6 LBG-U-03024/EET	 TE Part #3-1768407-2 LBG-U-03030/EET		

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
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English
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English
Customer View Model
ENG_CVM_320570_U.2d_dxf.zip
English



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

Datasheets & Catalog Pages
PIDG TERMINALS & SPLICES Quick Reference Guide
English

Agency Approvals
UL Report
English