



PIDG

TE Internal #: 8-320570-2

Butt Splice, 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size, Serrated, 5.18 – 13.1 kcmil Wire Size, 5180 – 13100 CMA Wire Size, Copper, PIDG, Splices

[View on TE.com >](#)

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	4.404 g
Splice Features	Serrated
Primary Product Color	Yellow - Translucent



Contact Features

Terminal Plating Material	Tin
Contact Base Material	Copper
Barrel Type	Closed

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Wire Size	5180 – 13100 CMA
Compatible Insulation Diameter Range	5.59 mm[.22 in]
Terminal Material Thickness	.51 mm[.02 in]
Product Length	42.06 mm[1.656 in]

Usage Conditions

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

Industry Standards

Government Qualified Splice	No
-----------------------------	----

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 # 58433-3 PRO CR ASSY, RBY IS9252	TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY	TE Part # 169404 CERTI-LOK DIE

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(39)

Customers Also Bought



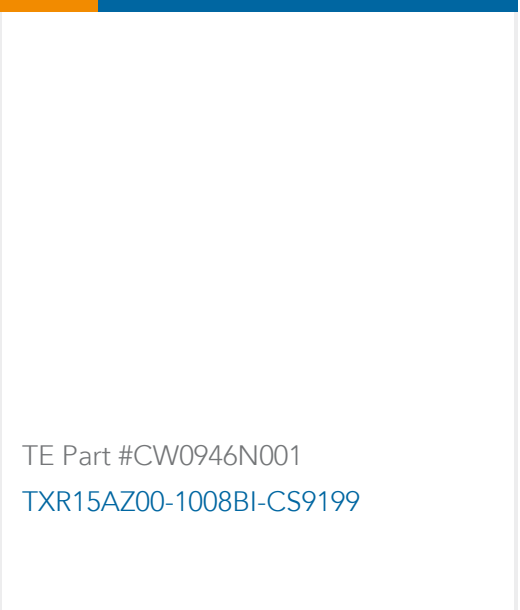
TE Part #138518-000
202F274-51-10/164-0



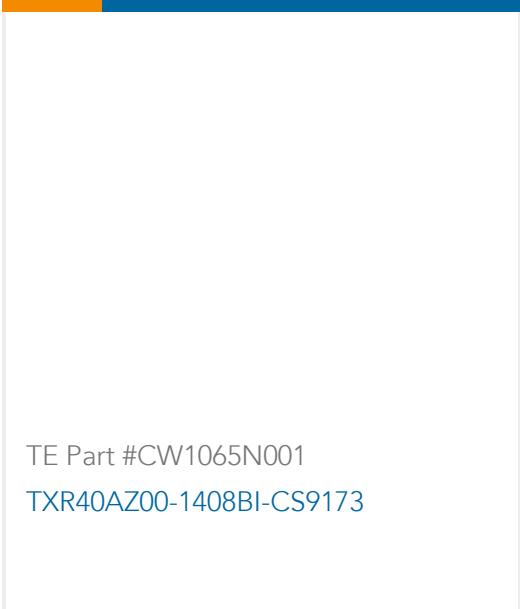
TE Part #320562
SPLICE BUTT PIDG 16-14



TE Part #K1157247
Limit switch G12-111-M-05



TE Part #CW0946N001
TXR15AZ00-1008BI-CS9199



TE Part #CW1065N001
TXR40AZ00-1408BI-CS9173



TE Part #EB9459N001
TXR40AZ00-1006BI-CS9173



TE Part #EG1635N001
TXR54AZ00-1204AI-CS9172



TE Part #EM8039-000
TXR40AC90-1812BI-CS9201



TE Part #CZ9646N001
TXS201AX00-2418BI-CS9117

Documents

Product Drawings

SPLICE BUTT PIDG 12-10

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_8-320570-2_V.3d_igs.zip



English

Customer View Model

[ENG_CVM_8-320570-2_V.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-320570-2_V.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_8-320570-2_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-320570-2_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-320570-2_AB.3d_stp.zip](#)

English

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

Agency Approvals

[UL Report](#)

English