



PIDG

TE Internal #: 320559
Splices, Butt Splice, 22 – 16 AWG Wire Size, .3 – 1.42 mm² Wire Size, Standard, 509 – 3260 CMA Wire Size, Copper, Red - Translucent, Serrated, PIDG

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Terminals & Splices > Splices > PIDG Butt Splices



Wire Size: .3 – 1.42 mm²
Sealable: No
Splice Features: **Standard**
Accepts Insulation Diameter Range: 3.18 mm [.125 in]

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

Features

Product Type Features

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

Body Features

Insulation Sleeve Material	Nylon
Weight per Piece	1.48 g
Plating Material	Tin



Splice Features	Standard
Primary Product Material	Copper
Primary Product Color	Red - Translucent

Contact Features

Class	1
Contact Plating Material	Tin
Barrel Type	Closed

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 3260 CMA
Accepts Insulation Diameter Range	3.18 mm[.125 in]
Terminal Material Thickness	.46 mm[.018 in]
Overall Product Length	32.13 mm[1.265 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	Yes
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Packaging Features

Packaging Quantity	50
Packaging Method	Loose Piece

Other

Comment	Marking: Commercial 22-16- Military 22-18 in accordance with MIL-T-7928.
Military Category	Yes

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

TE Part # 47386
DAHT PG PIDG 26-16 ASSY

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

TE Part # 58423-1
DIE, RBY IS9252

TE Part # 2-1377174-1
SMP 0-0320559-0

TE Part # 47386-4
DAHT PG PIDG 26-16 ASSY

TE Part # 59250
T-HEAD PIDG 26-14 ASSY

TE Part # 525690
DAHT PG PIDG 20-18 ASSY



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

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

TE Part # 47806-2
DIES PIDG 22-16 DIE SET

TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY

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

TE Part # 1SET191001R0000
CRIMP-HT

TE Part # 1SET191002R0000
TET CRIMP-HT

TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG

Compression Connectors(17)

Crimp Terminal Housings(1)

Crimp Wire Pins, Tabs & Ferrules(40)

Hand Crimping Tools(2)

Knife Disconnects(11)

PCB Terminals(9)

Quick Disconnects(49)

Ring Terminals & Spade Terminals(861)

Special Purpose Terminals(1)

Splices(47)

Customers Also Bought



<p>TE Part #1-2176429-7 MPT100 47R 5%</p>	<p>TE Part #BB4302N WHIP,MC,1/2,430-450MHZ TUN,2.4, BK,NGP,</p>	<p>TE Part #TRA9023NP OMNI,SB,Ph,902-928MHZ 3,NP PMT</p>	<p>TE Part #YA9-11 Yagi Antennas: High Gain Directional</p>
<p>TE Part #2217480-2 KIT, BTLI, SDE OPEN HEAD</p>	<p>TE Part #6026-10-6PN CONN. FREE PLUG.</p>	<p>TE Part #20010725-09 PRESS XDCR U535D-000005-150PG</p>	

Documents

Product Drawings

PIDG SPLICE 22-16COMM 22-18MIL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_320559_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_320559_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_320559_AE.3d_stp.zip

English

Customer View Model

ENG_CVM_320559_V.3d_igs.zip

English

Customer View Model

ENG_CVM_320559_V.3d_stp.zip

English

Customer View Model

ENG_CVM_320559_V.2d_dxf.zip

English

3D PDF

English



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

Product Specifications
Application Specification
English

Product Environmental Compliance
MD_320559_032820181218_dmtec
English
MD_320559_032820181218_dmtec
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Agency Approvals
UL Report
English
UL Report
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