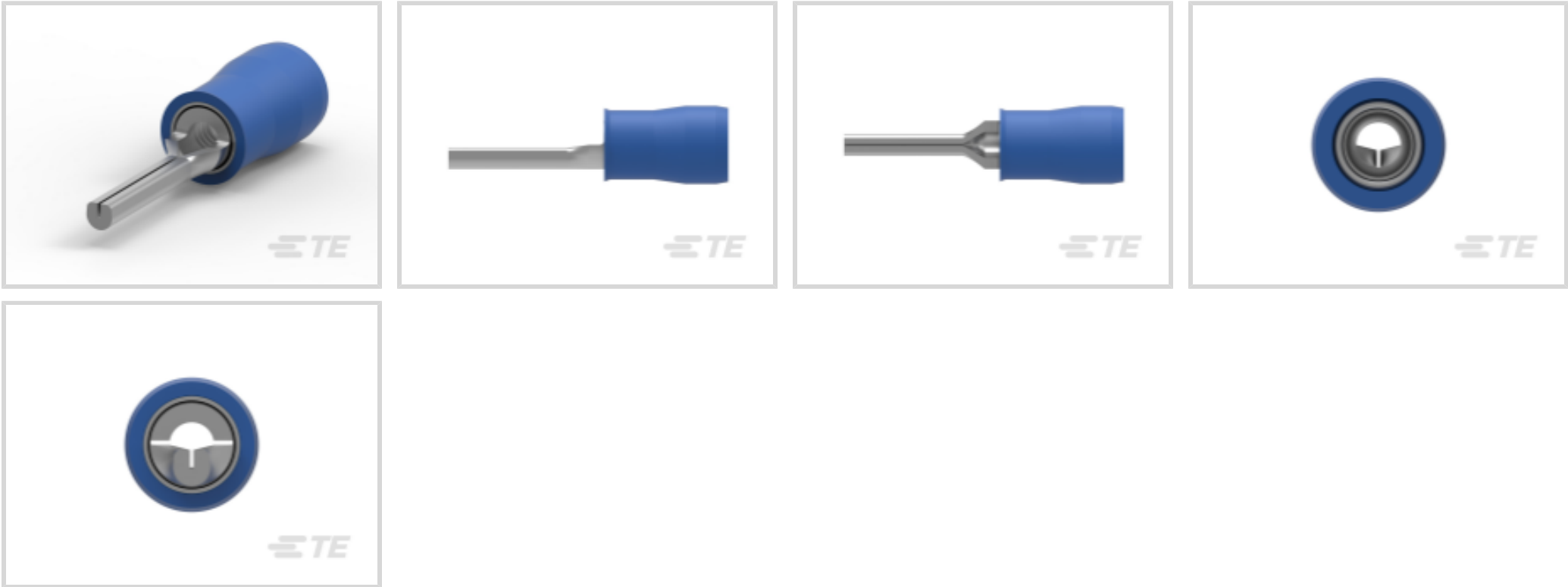




PIDG

TE Internal #: 165172
Wire Pin, 1.78 mm [.07 in] Pin Diameter, 16 – 14 AWG, 1 – 2.8 mm²
Wire, 2050 – 5180 CMA, Closed Barrel, Tin Plating, Length 23.6 mm [.93 in], PIDG
[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules > PIDG Formed Wire Pins



Crimp Wire Terminal Type: **Wire Pin**
Mating Pin Diameter: **1.78 mm [.07 in]**
Compatible Insulation Diameter Range: **4.3 mm [.169 in]**
Wire Size: **1 – 2.8 mm²**

[All PIDG Formed Wire Pins \(6\)](#)

Features

Body Features

Sleeve Material	Copper
Primary Product Color	Blue
Insulation Material	Nylon

Product Type Features

Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

Dimensions

DIN Wire Size	1 – 2.5 mm ²
Compatible Insulation Diameter Range	4.3 mm[.169 in]



Wire Size	2050 – 5180 CMA
Barrel Inside Diameter	4.4 mm[.173 in]
Terminal Material Thickness	.79 mm[.031 in]
Overall Product Length	23.6 mm[.93 in]

Contact Features

Contact Mating Area Length	9.9 mm[.39 in]
Contact Fabrication	Stamped & Formed
Crimp Wire Terminal Type	Wire Pin
Mating Pin Diameter	1.78 mm[.07 in]
Barrel Type	Closed
Terminal Plating Material	Tin
Contact Shape & Form	Round
Terminal Orientation	Straight

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Mechanical Attachment

Wire Insulation Support	With
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Usage Conditions

Insulation Option	Partially Insulated
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

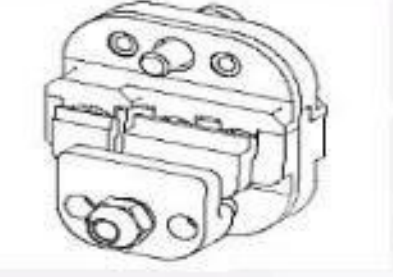
Solder Process Capability

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>

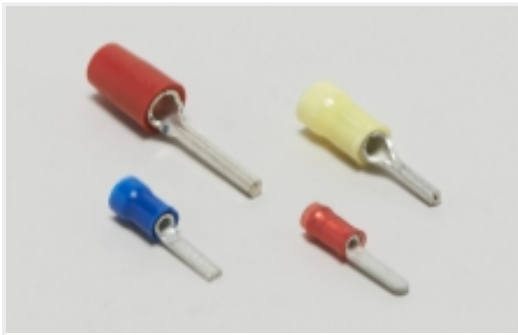
Compatible Parts

 TE Part # 58423-1 DIE, RBY IS9252	 TE Part # 58433-3 PRO CR ASSY, RBY IS9252	 TE Part # 2392022-2 BLUE BATTERY DAHT KIT 220V (47387-7)	 TE Part # 169400 CERTI-LOK FRAME W/O DIES
 TE Part # 47387 DAHT PG PIDG 20-14 ASSY	 TE Part # 2392022-1 BLUE BATTERY DAHT KIT 110V (47387-7)	 TE Part # 539691-2 ERGO DIE R.B.Y	 TE Part # 169404 CERTI-LOK DIE
 TE Part # 2063030-1 SDE DIESET, RBY, UL	 TE Part # 47387-7 DAHT PG PIDG 16-12 ASSY	 TE Part # 525691 DAHT PG PIDG 16-14 ASSY	 TE Part # 696274-2 TERM, WIRE PIN, PIDG, 16-14, T&R

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



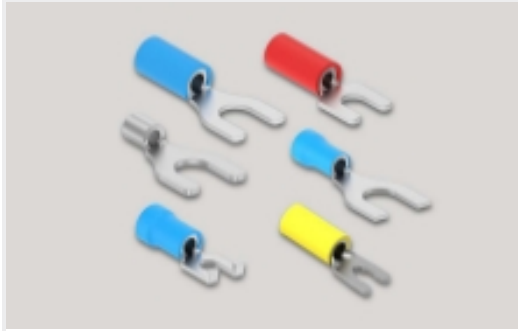
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)

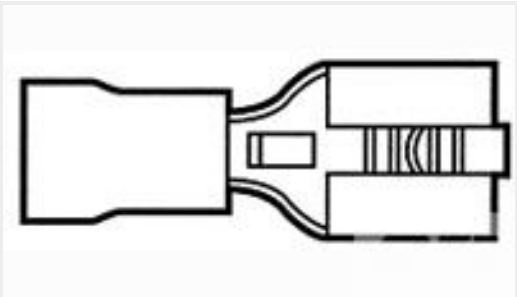


Special Purpose Terminals(1)



Splices(41)

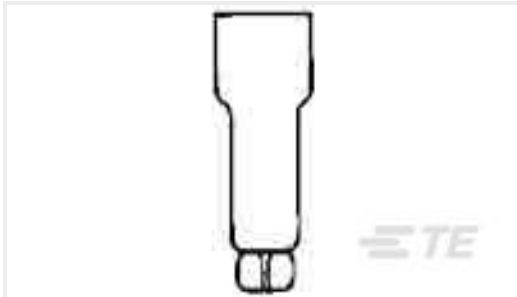
Customers Also Bought



TE Part #9-160313-6
250 PIDG FASTON REC



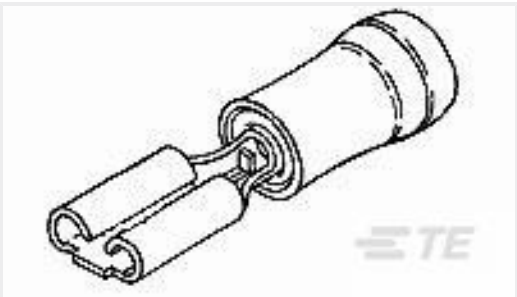
TE Part #131330
PIDG, WIRE, TAB, 16-14



TE Part #34308
SPLICE,CE 22-10



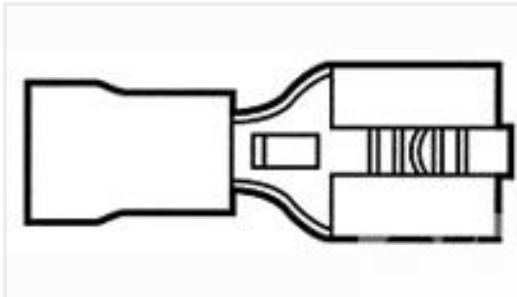
TE Part #342063
16-14 H.D.R/T 1/4" STUD BLACK



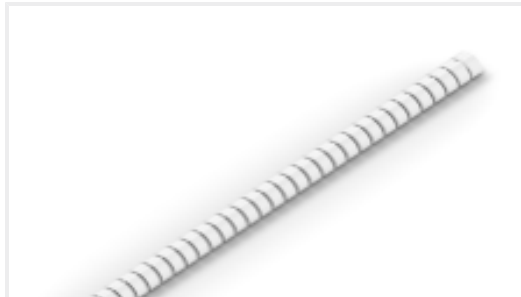
TE Part #165566-4
110 PIDG FASTON REC



TE Part #6-1437487-5
7012MDI=28V DC 5-50 SEC



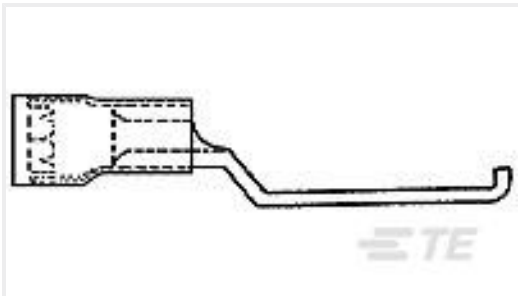
TE Part #9-160583-6
250 PIDG FASTON REC



TE Part #142840-2
TUBING SPIRAP 500030-2



TE Part #165133
PIDG WIRE PIN



TE Part #154724
16-14 PIDG BLADE EXP .165VINYL

Documents



Product Drawings

PIDG WIRE PIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165172_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165172_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165172_P.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165172_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_165172_J.3d_igs.zip

English

Customer View Model

ENG_CVM_165172_J.3d_stp.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English