

165172 ✓ ACTIVE



PIDG

TE Internal #: 165172

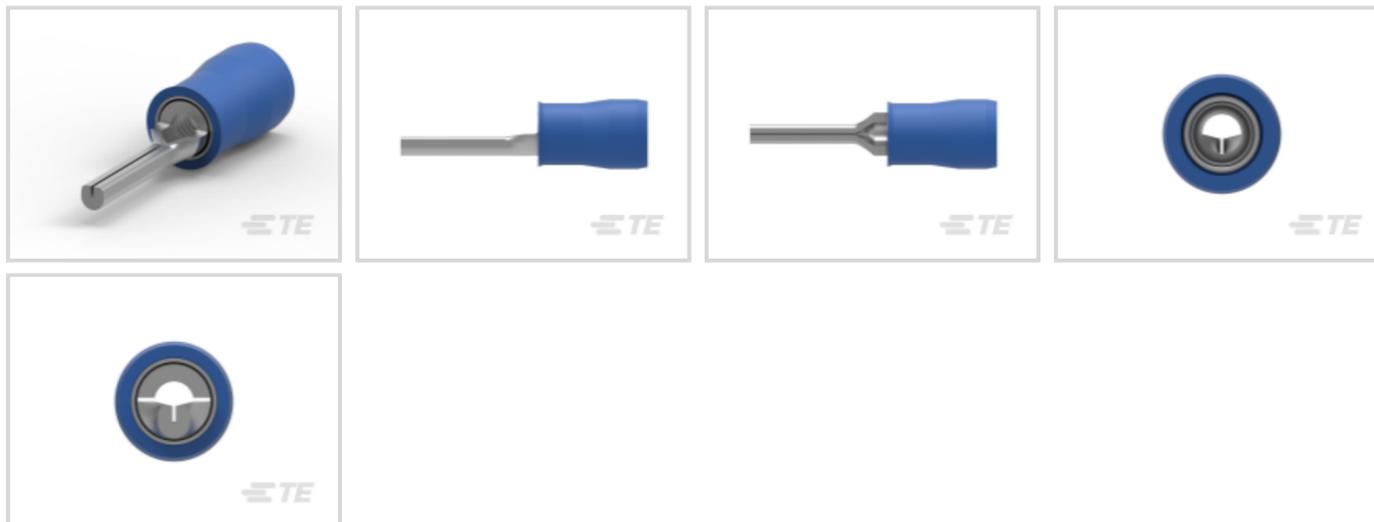
Wire Pin Terminal, Blue, 1.78 mm [.07 in] Pin Diameter, 16 – 14

AWG, 1 – 2.8 mm² Wire, 2050 – 5180 CMA, 23.6 mm [.93 in] Length,

Closed Barrel, PIDG

[View on TE.com >](#)

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



Crimp Wire Terminal Type: **Wire Pin Terminal**

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

Product Type Features

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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Body Features

Sleeve Material	Copper
Insulation Material	Nylon
Primary Product Color	Blue

Contact Features

Contact Mating Area Length	9.9 mm[.39 in]
Contact Fabrication	Stamped & Formed
Crimp Wire Terminal Type	Wire Pin Terminal



Mating Pin Diameter	1.78 mm [.07 in]
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Barrel Type	Closed
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Terminal Plating Material	Tin
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Contact Shape & Form	Round
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Terminal Orientation	Straight
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

DIN Wire Size	1 – 2.5 mm ²
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Compatible Insulation Diameter Range	4.3 mm [.169 in]
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Wire Size	2050 – 5180 CMA
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Barrel Inside Diameter	4.4 mm [.173 in]
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Terminal Material Thickness	.79 mm [.031 in]
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Overall Product Length	23.6 mm [.93 in]
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Usage Conditions

Insulation Option	Partially Insulated
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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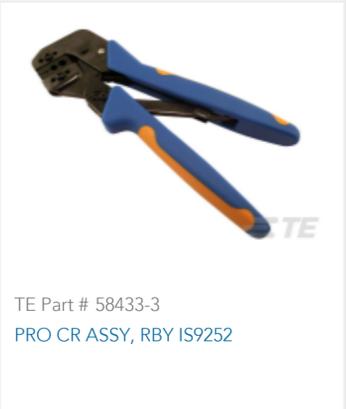
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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

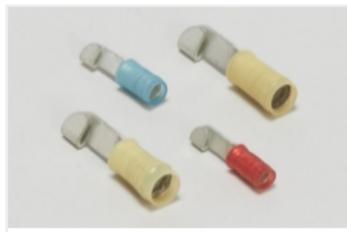
Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



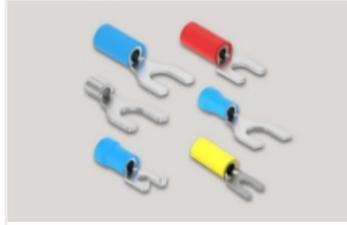
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(587)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #800950-SF
FN9246-10-06



TE Part #34152
PG R 22-16 COMM 22-18 MIL 3/8



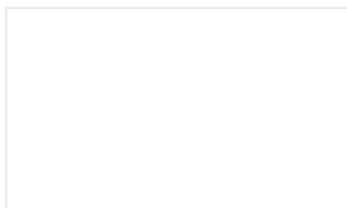
TE Part #35151
TERMINAL,PIDG R 12-10 1/2



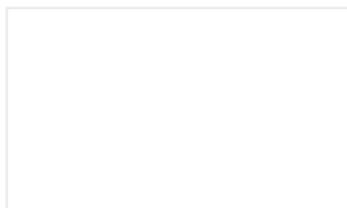
TE Part #55843-1
SPLICE,CE 22-14



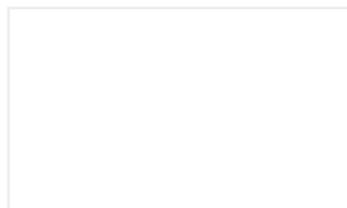
TE Part #5-103635-8
09 MTE HDR SRRA LTCH.100CL LF



TE Part #15H3M-13-02-1-ZN
15H3M-13-02-1-ZN



TE Part #AAE4963-00
PC80010-72-18NZ-1-ZN



TE Part #AAE4977-00
PC80043-06-1808NW-1-ZN



TE Part #AAC2670-00
PC80043-06-1808NY-1-ZN



TE Part #AAE4978-00
PC80043-06-1808NZ-1-ZN

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

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Datasheets & Catalog Pages

PIDG TERMINALS & SPLICES Quick Reference Guide

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English