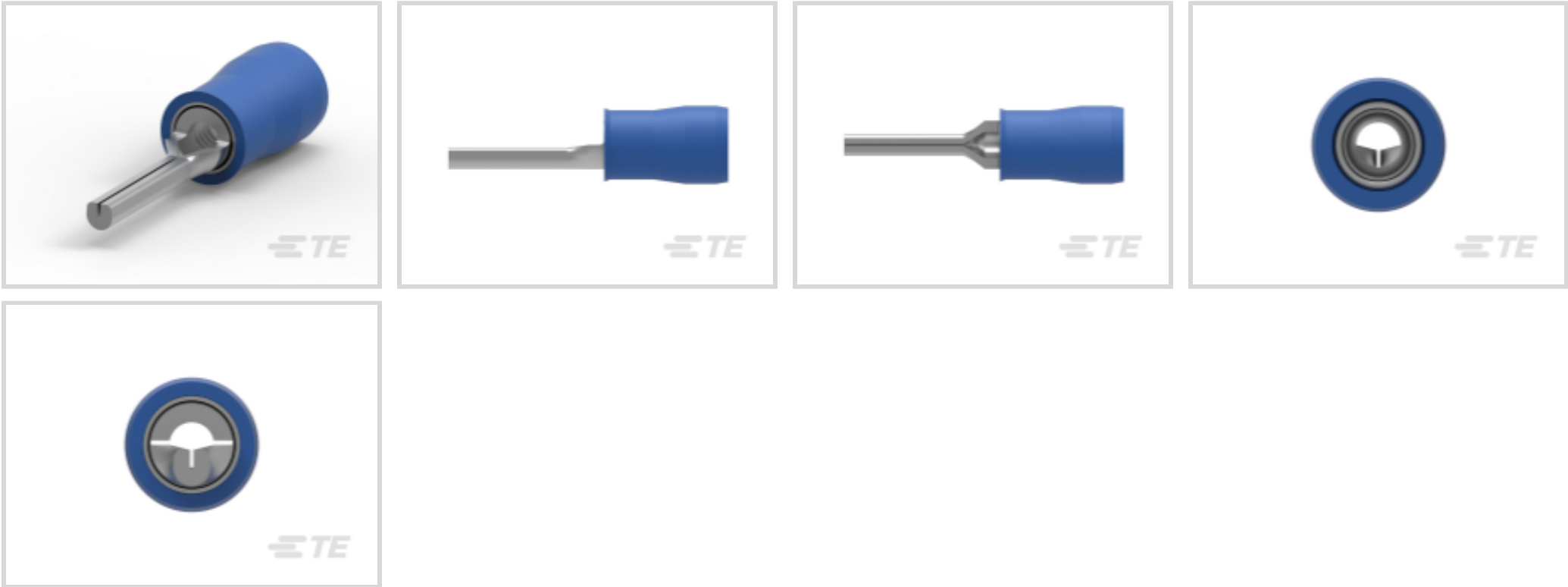




PIDG

TE Internal #: 165046
Wire Pin, 1.78 mm [.07 in] Pin Diameter, 16 – 14 AWG, 1 – 2.6 mm²
Wire, 2050 – 5180 CMA, Closed Barrel, Tin Plating, 19.69 mm [.775 in] Length, 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, 2.92 – 4.31 mm [.17 in, .115 – .17 in]**
Wire Size: **1 – 2.6 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	Nylon
Primary Product Color	Blue
Insulation Material	Nylon

Contact Features

Contact Mating Area Length	6.7 mm[.26 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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

DIN Wire Size	1 – 2.5 mm²
Compatible Insulation Diameter Range	4.3 mm, 2.92 – 4.31 mm[.17 in][.115 – .17 in]
Wire Size	2050 – 5180 CMA
Barrel Inside Diameter	4.3 mm[.169 in]
Terminal Material Thickness	.79 mm[.031 in]
Overall Product Length	19.69 mm[.775 in]

Usage Conditions

Insulation Option	Partially Insulated
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Packaging Features

Packaging Quantity	1000
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

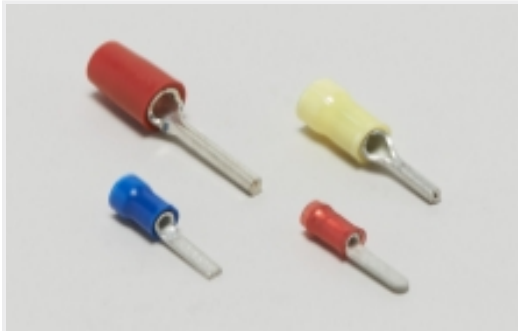
 TE Part # 58423-1 DIE, RBY IS9252	 TE Part # 696394-2 TERM, WIRE PIN, PIDG, 16-14, T&R	 TE Part # 58433-3 PRO CR ASSY, RBY IS9252	 TE Part # 525691 DAHT PG PIDG 16-14 ASSY
 TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	 TE Part # 2392022-1 BLUE BATTERY DAHT KIT 110V (47387-7)	 TE Part # 539691-2 ERGO DIE R.B.Y	 TE Part # 1-1377174-3 SMP 0-0165046-0
 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 # 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		



Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



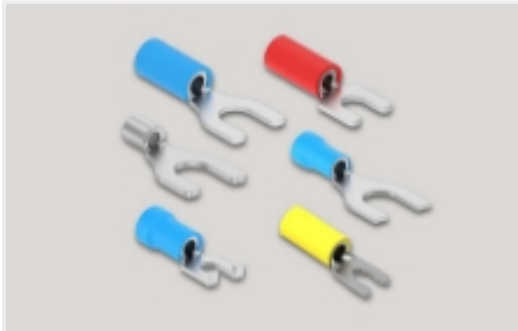
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)

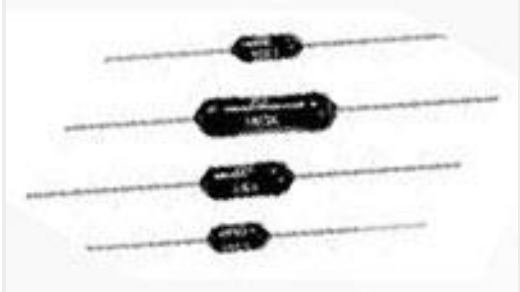


Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #9-1879664-3
H8 10K5 0.1% 15PPM



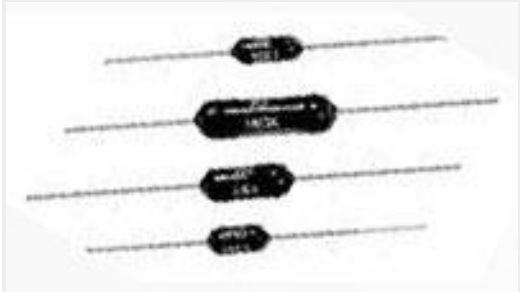
TE Part #1-1579007-0
EXTRACTION TOOL



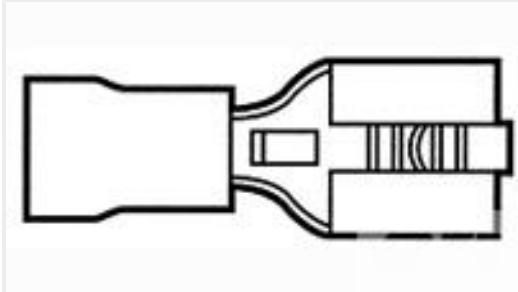
TE Part #CAT-ABS-DBL
DBL Power Distribution Block: Screw clamp technology, 1 to 3 poles



TE Part #2-1676913-2
YR1 0.1% 1K78



TE Part #2-1879665-2
H8 20K5 0.1% 15PPM



TE Part #640905-1
RECEPT,PIDG FASTON 16-14 250



TE Part #342062
16-14 H.D.R/T 5MM STUD BLACK



TE Part #839020-E
IDCCS SRC 1,27 6 * SFX SFX 200 PVC



TE Part #1825289-1
MHS22204=DPDT SL SW VERT AG



Documents

Product Drawings

PIDG WIRE PIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165046_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165046_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165046_N.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165046_G.3d_igs.zip

English

Customer View Model

ENG_CVM_165046_G.3d_stp.zip

English

Customer View Model

ENG_CVM_165046_G.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English