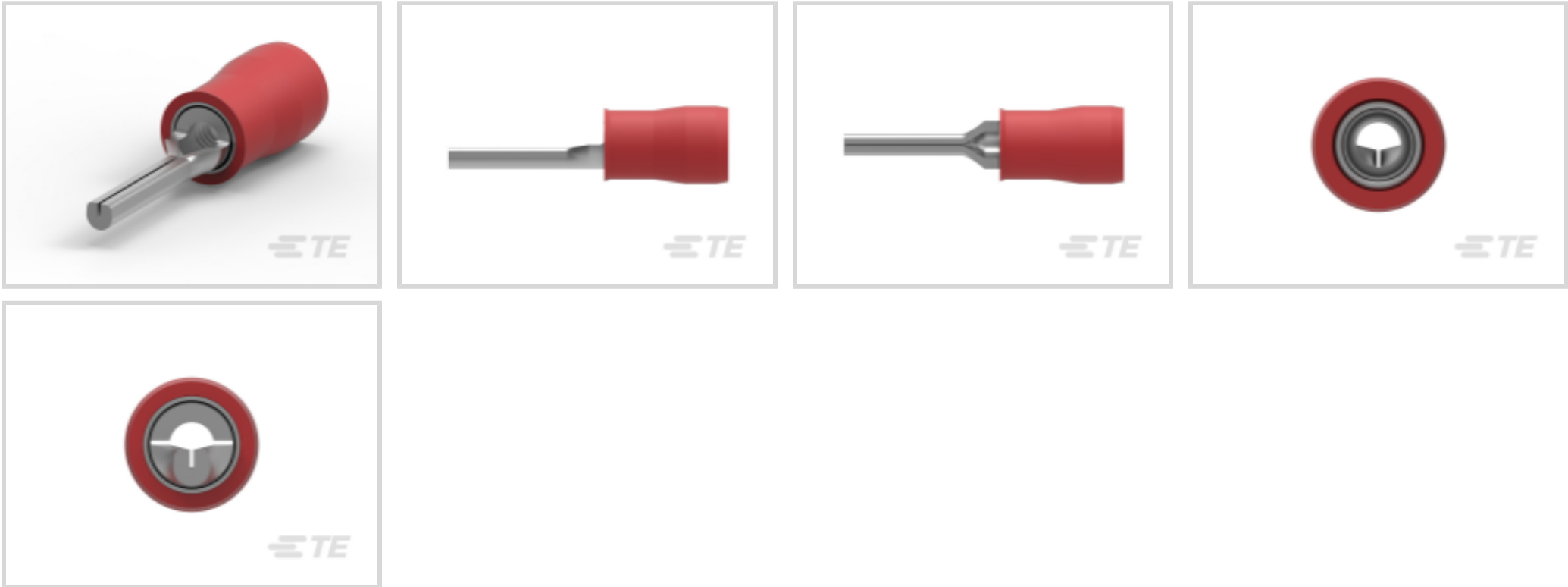




PIDG

TE Internal #: 165142
Wire Pin, 1.8 mm [.07 in] Pin Diameter, 22 – 16 AWG, .3 – 1.42 mm²
Wire, 493 – 3158 CMA, Closed Barrel, Tin Plating, 20.2 mm [.8 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: **1.8 mm [.07 in]**
Compatible Insulation Diameter Range: **3.56 mm [.14 in]**
Wire Size: **.3 – 1.42 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	Red
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	1.8 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	.5 – 1 mm²
Compatible Insulation Diameter Range	3.56 mm[.14 in]
Wire Size	493 – 3158 CMA
Barrel Inside Diameter	3.7 mm[.145 in]
Terminal Material Thickness	.79 mm[.031 in]
Overall Product Length	20.2 mm[.8 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 # 2392021-1 RED BATTERY DAHT KIT 110V (47689-4)	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 # 525690 DAHT PG PIDG 20-18 ASSY	TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY	TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	TE Part # 169400 CERTI-LOK FRAME W/O DIES
TE Part # 59250 T-HEAD PIDG 26-14 ASSY	TE Part # 47806-2 DIES PIDG 22-16 DIE SET	TE Part # 2392021-2 RED BATTERY DAHT KIT 220V (47689-4)	TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY
TE Part # 1-1377174-0 SMP 0-0165142-0	TE Part # 58423-1 DIE, RBY IS9252	TE Part # 47386 DAHT PG PIDG 26-16 ASSY	TE Part # 58433-3 PRO CR ASSY, RBY IS9252



Also in the Series

PIDG

Compression Connectors(17)	Crimp Wire Pins, Tabs & Ferrules(41)	Hand Crimping Tools(2)	Knife Disconnects(11)
Ring Terminals(588)	Spade Terminals(228)	Special Purpose Terminals(1)	Splices(41)

Customers Also Bought

 TE Part #1-104257-4 15 MTE RCPT HSG SR LATCH .100	 TE Part #1217107-1 250 FASTON,REC.,TPPB	 TE Part #193837-5 PIN ASSY., CRIMP, 6MM,4AWF	 TE Part #5-104655-5 40 50/50 HDR DRST SFMNT TIN
 TE Part #1-1623732-7 BCHE 7 W 1R0 10%	 TE Part #165514-1 TERM, WIRE PIN, PIDG, 26-22	 TE Part #1-66598-1 III+ SKT,18-14,30AU/FL,STRIP	 TE Part #2344656-5 WLAN DUAL BAND ANTENNA FPC V 50 MHF4 TYP
 TE Part #35432 TERMINAL,SOLIS R 16-14HD 8	 TE Part #2-1105050-2 HN.D-C-STI.AU.0,5		



Documents

Product Drawings

PIDG WIRE PIN 22-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165142_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165142_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165142_P.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165142_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_165142_F.3d_igs.zip

English

Customer View Model

ENG_CVM_165142_F.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