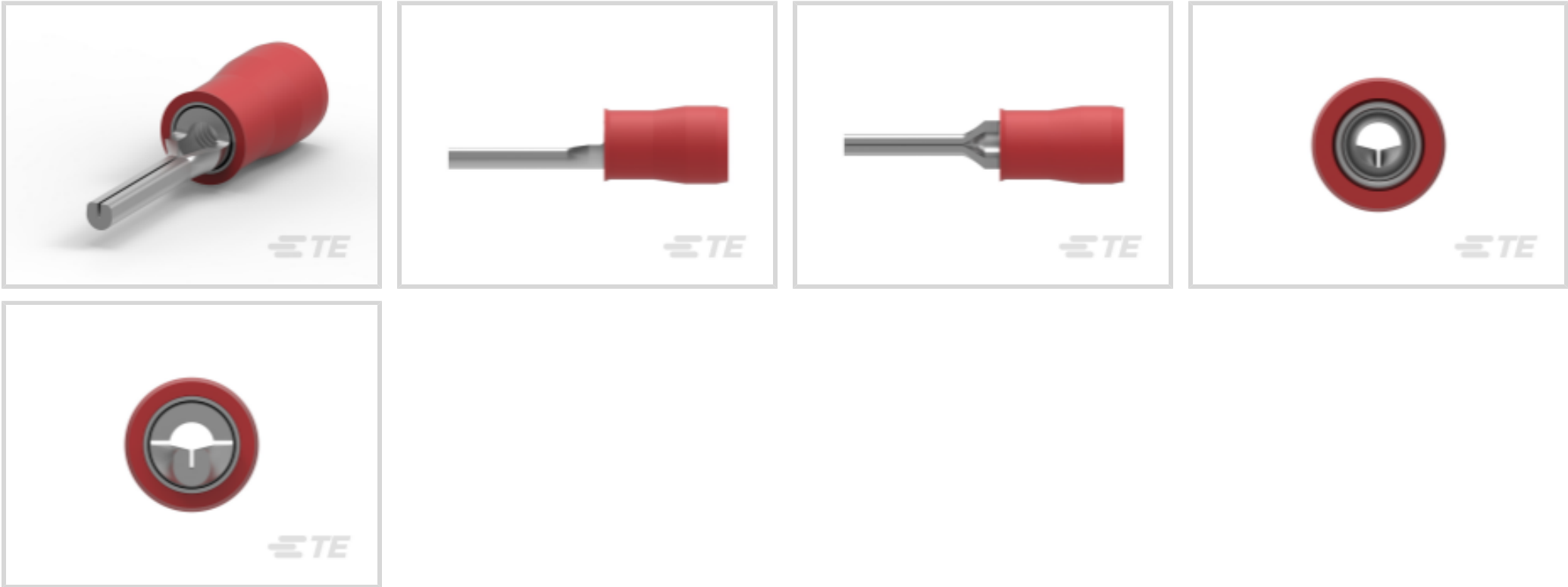




PIDG

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>

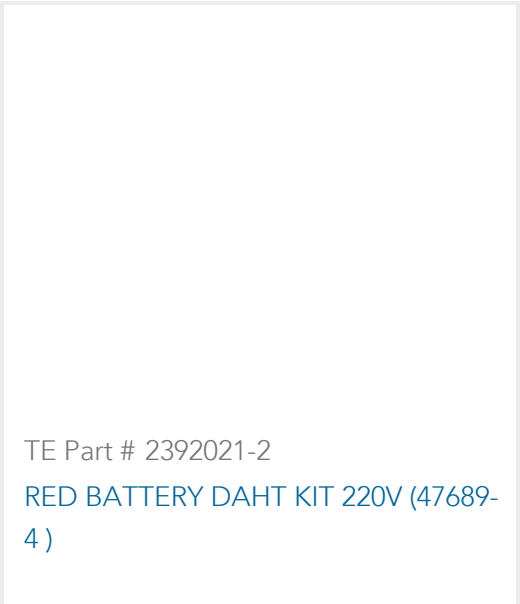
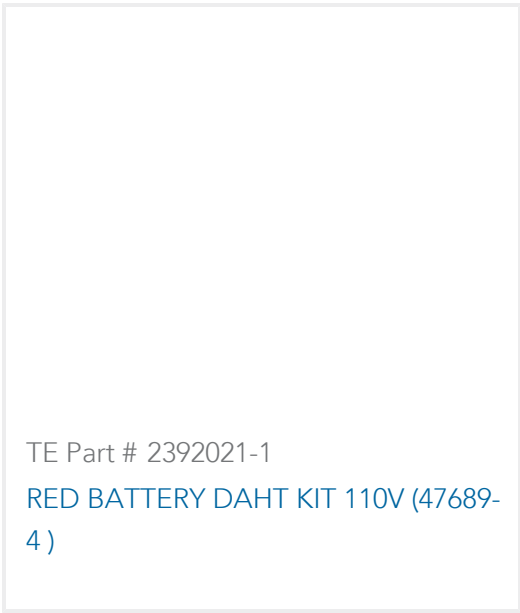
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 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 DAHT PG PIDG 26-16 ASSY
 TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY	 TE Part # 58423-1 DIE, RBY IS9252	 TE Part # 1-1377174-0 SMP 0-0165142-0	 TE Part # 58433-3 PRO CR ASSY, RBY IS9252
 TE Part # 2392021-1 RED BATTERY DAHT KIT 110V (47689-4)	 TE Part # 169404 CERTI-LOK DIE	 TE Part # 539691-2 ERGO DIE R.B.Y	 TE Part # 2063030-1 SDE DIESET, RBY, UL



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 #2040008-1 INDUSTRIAL MINI I/O PLUG KIT D2	TE Part #F26778-000 ST58-5-00	TE Part #3-1437489-8 7022MDI=28VDC 5-50SEC	TE Part #CAT-P592-F766 PIDG Formed Wire Pins
TE Part #5-104655-5 40 50/50 HDR DRST SFMNT TIN	TE Part #154724 16-14 PIDG BLADE EXP .165VINYL	TE Part #342062 16-14 H.D.R/T 5MM STUD BLACK	TE Part #34308 SPLICE,CE 22-10
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