

165171 ✓ ACTIVE

PLASTI-GRIP

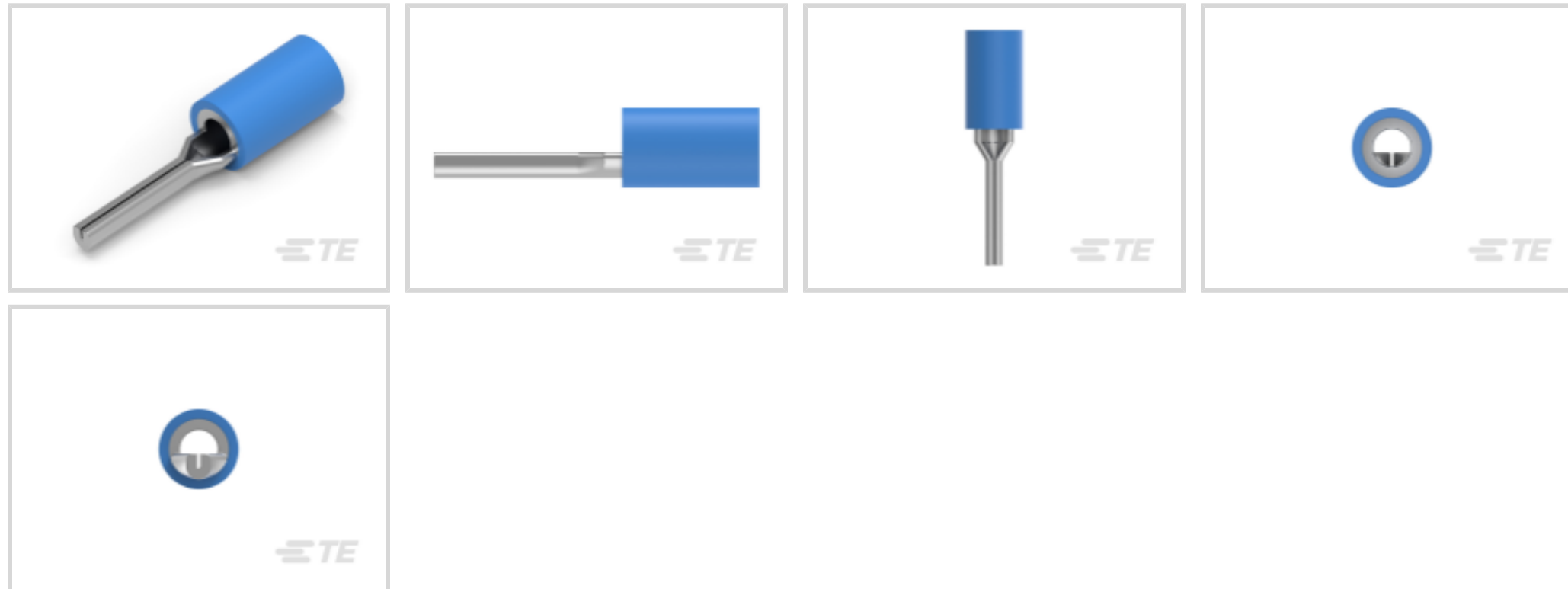
TE Internal #: 165171

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Mating Pin Diameter  
1.78 mm [.07 in], 17 – 13 AWG Wire Size, 1 – 2.5 mm<sup>2</sup> Wire Size,  
PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Wire Pin**

Mating Pin Diameter: **1.78 mm [.07 in]**

Compatible Insulation Diameter Range: **2.92 – 4.83 mm, 4.95 mm [.115 – .19 in, .195 in]**

Wire Size: **1 – 2.5 mm<sup>2</sup>**

### 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	PVC
Insulation Material	PVC
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
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	Without
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### Dimensions

DIN Wire Size	1 – 2.5 mm <sup>2</sup>
Compatible Insulation Diameter Range	2.92 – 4.83 mm, 4.95 mm [.115 – .19 in] [.195 in]
Wire Size	2050 – 5180 CMA
Terminal Material Thickness	.79 mm [.031 in]
Overall Product Length	23.7 mm [.933 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C [221 °F]

### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

### Product Compliance










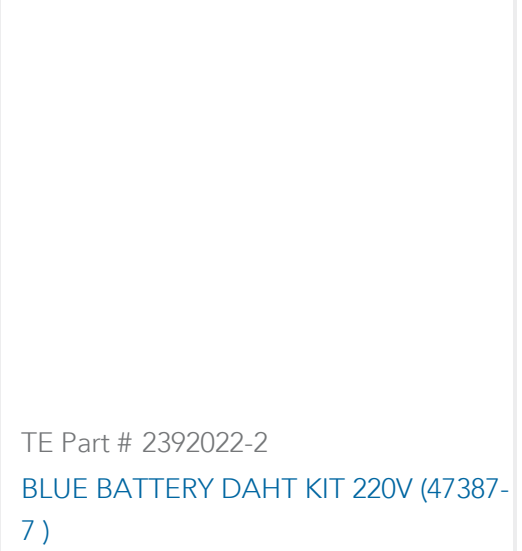
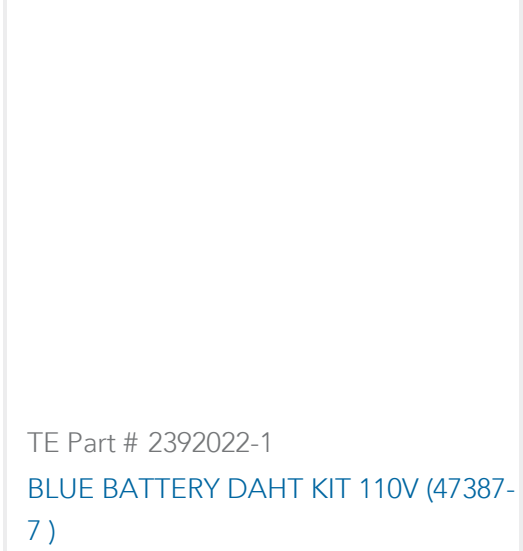

[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 47387 DAHT PG PIDG 20-14 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 47387-7 DAHT PG PIDG 16-12 ASSY</p>
 <p>TE Part # 525691 DAHT PG PIDG 16-14 ASSY</p>	 <p>TE Part # 539691-2 ERGO DIE R.B.Y</p>	 <p>TE Part # 4-1377173-7 SMP 0-0165171-0</p>	 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>
 <p>TE Part # 1SET191001R0000 CRIMP-HT</p>	 <p>TE Part # 2392022-2 BLUE BATTERY DAHT KIT 220V (47387-7)</p>	 <p>TE Part # 2392022-1 BLUE BATTERY DAHT KIT 110V (47387-7)</p>	 <p>TE Part # 169404 CERTI-LOK DIE</p>

Also in the Series | **PLASTI-GRIP**



Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals & Spade Terminals(534)



Splices(49)

## Customers Also Bought



TE Part #1658641-3  
 PLUG ASSY SIZE 5



TE Part #165046  
 PIDG Formed Wire Pins



TE Part #323784  
 TERMINAL, PIDG R 12-10 1/2



TE Part #324543  
 TAB, PIDG 12-10



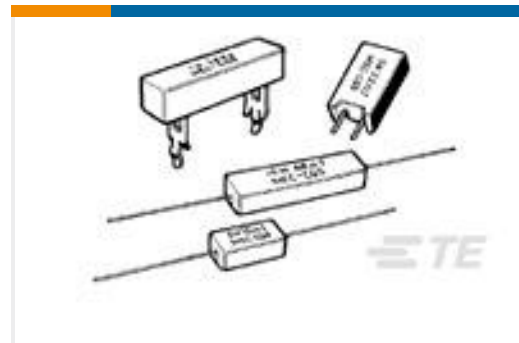
TE Part #35187  
 SPLICE, SOLIS PARA 2



TE Part #165075  
 P.G. WIRE PIN 16-14



TE Part #1623927-2  
 CFR16 5% 100R



TE Part #1879068-5  
 SQB40 1R5 5% (WIRE) 6.35MM FAS



TE Part #1-103670-4  
 15 MTE HDR SRST LATCH W/HLDWN

## Documents

### Product Drawings

[P.G. WIRE PIN 16-14](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_165171\\_T.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_165171\\_T.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_165171\\_T.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_165171\\_G.3d\\_igs.zip](#)

English

**Customer View Model**

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English

**Customer View Model**

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English

**3D PDF**

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

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### Agency Approvals

[UL Report](#)

English