



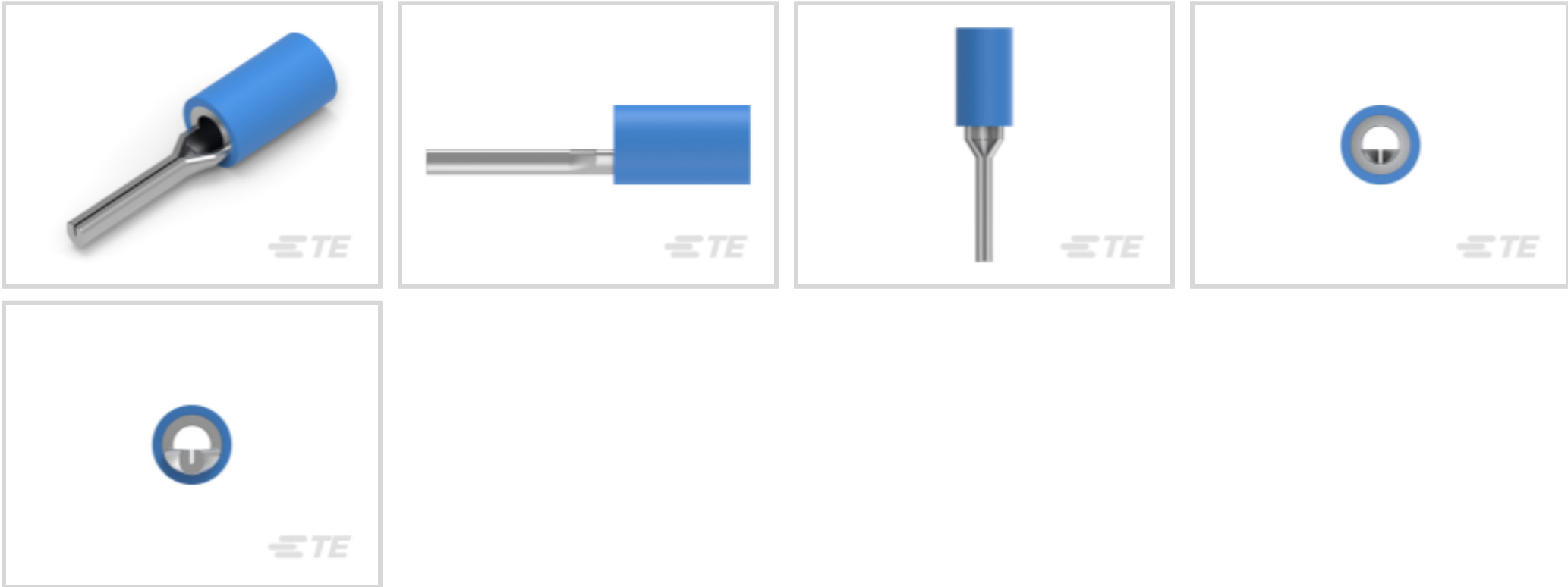
PLASTI-GRIP

TE Internal #: 165171

Wire Pin, Mating Pin Diameter 1.78 mm [.07 in], 17 – 13 AWG Wire Size, 1 – 2.5 mm² Wire Size, PLASTI-GRIP, Crimp Wire Pins, Tabs & Ferrules

[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 mm²**

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 mm²
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>

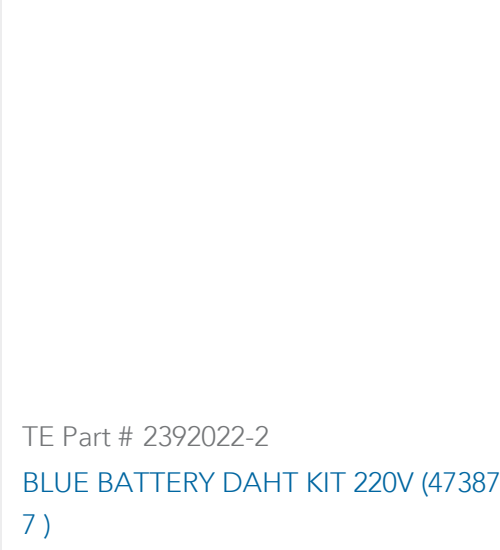
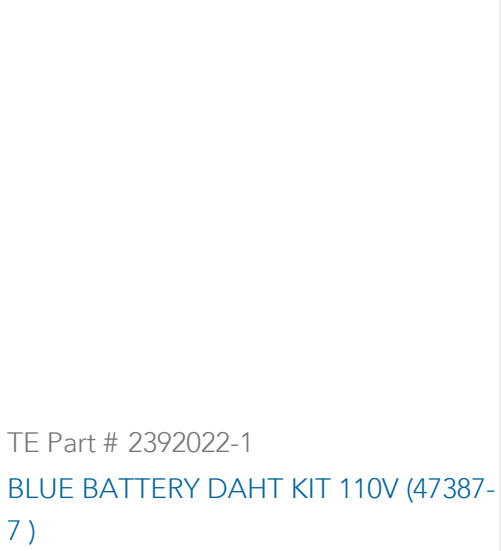
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

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

Also in the Series | PLASTI-GRIP



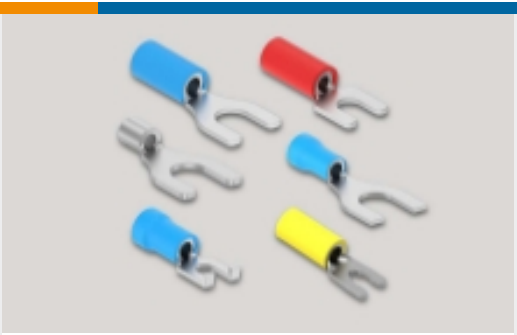
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(19)



Ring Terminals(300)



Spade Terminals(160)



Splices(46)

Customers Also Bought



TE Part #1462039-2
IM07CGR=IM RELAY 200mW 24V HDV



TE Part #60433-2
RING CRIMP 18-14 AWG TPBR



TE Part #5053052016
RNF-100-3/16-2-STK



TE Part #5053222025
RNF-100-6 Heat Shrink Tubing



TE Part #5677642003
RNF-3000-6/2-2-STK



TE Part #321868
TERMINAL SOLIS RING 1/0 3/8

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

[ENG_CVM_165171_G.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_165171_G.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English