

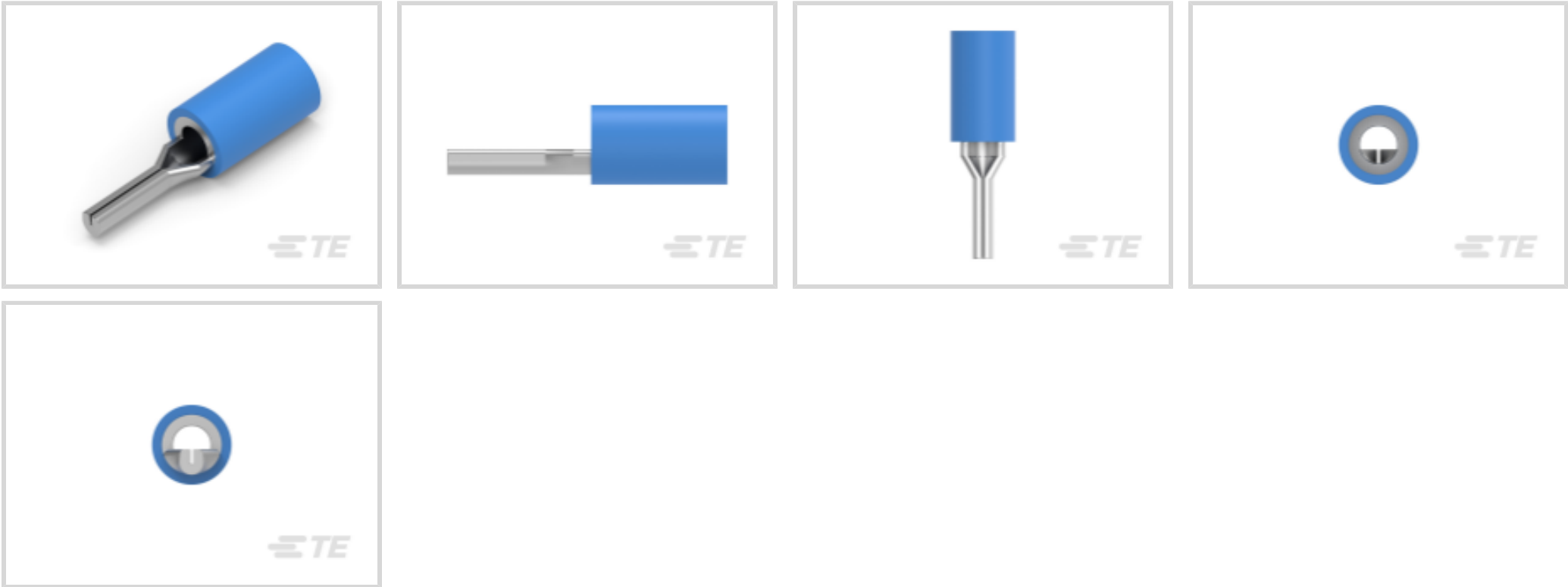


PLASTI-GRIP

TE Internal #: 165075
Wire Pin Terminal, Blue, 1.78 mm [.07 in] Pin Diameter, 16 – 14
AWG, 1 – 2.5 mm² Wire, 2050 – 5180 CMA, 20.65 mm [.813 in]
Length, PLASTI-GRIP

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Wire Pin Terminal**
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	6.7 mm[.26 in]
Contact Fabrication	Stamped & Formed
Crimp Wire Terminal Type	Wire Pin Terminal
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	20.65 mm[.813 in]

Usage Conditions

Insulation Option	Partially Insulated
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Packaging Features

Packaging Quantity	1000
Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on TE.com>

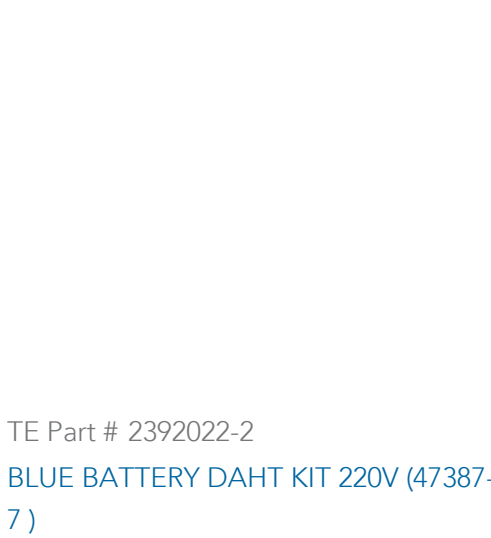
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 58433-3 PRO CR ASSY, RBY IS9252	 TE Part # 539691-2 ERGO DIE R.B.Y	 TE Part # 2392022-1 BLUE BATTERY DAHT KIT 110V (47387-7)
 TE Part # 47387-7 DAHT PG PIDG 16-12 ASSY	 TE Part # 169404 CERTI-LOK DIE	 TE Part # 2392022-2 BLUE BATTERY DAHT KIT 220V (47387-7)	 TE Part # 47387 DAHT PG PIDG 20-14 ASSY
 TE Part # 169400 CERTI-LOK FRAME W/O DIES	 TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	 TE Part # 4-1377173-5 SMP 0-0165075-0	 TE Part # 525691 DAHT PG PIDG 16-14 ASSY

Also in the Series | PLASTI-GRIP



Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

Customers Also Bought



TE Part #60445-2
SPADE .137 24-20 AWG TPBR



TE Part #2-215460-0
MICRO-MATCH FEM.SE



TE Part #353715-3
DYNAMIC D-3 REC CONT. 3L PdNi & AU 0.76



TE Part #CAT-SI261-P729A
Glow Wire Signal Double Lock Plug



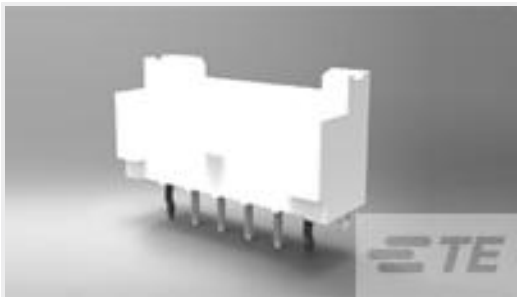
TE Part #1658623-3
16 NOVO MIL 30DP, LEAD FREE



TE Part #1744417-7
7 POS EP 2.5 HSG, GLOW WIRE



TE Part #1969442-6
EP 2.5 TPA Housing, 6 Pos



TE Part #2132230-6
EP2.5 Shrouded HDR ASSY 6P VER



TE Part #2238177-1
187 X 032 POS LOC REC 20-16 NISTL

Documents



Product Drawings

P.G. WIRE PIN 16-14

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165075_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165075_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165075_Z.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165075_K.3d_igs.zip

English

Customer View Model

ENG_CVM_165075_K.3d_stp.zip

English

Customer View Model

ENG_CVM_165075_K.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English