

165171 ✓ ACTIVE

PLASTI-GRIP

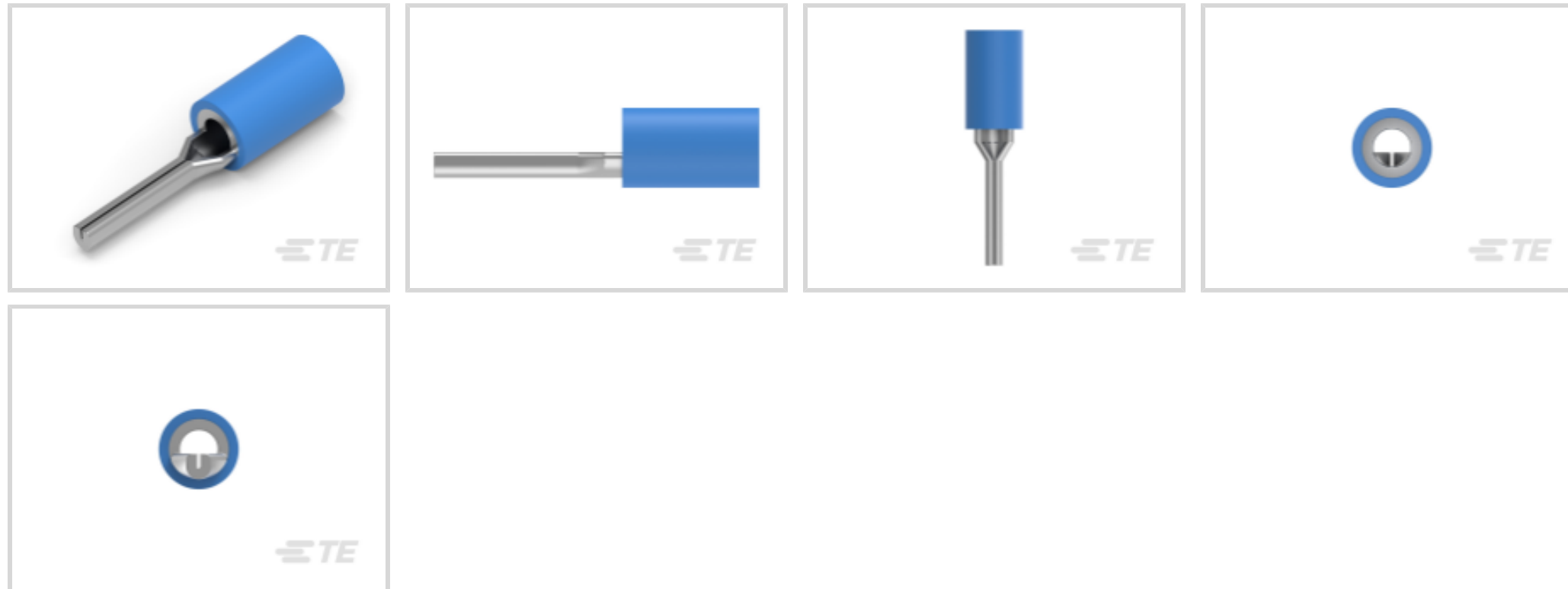
TE Internal #: 165171

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, 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 [.195 in, .115 – .19 in]**

Wire Size: **1 – 2.5 mm<sup>2</sup>**

**Features**

**Contact Features**

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
Contact Mating Area Length	9.9 mm [.39 in]
Contact Fabrication	Stamped & Formed

**Dimensions**

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

### Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	1000

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

### Product Type Features

Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support
Sealable	No

### Usage Conditions

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

### Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Body Features

Sleeve Material	PVC
Primary Product Color	Blue
Insulation Material	PVC

### 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



REPRESENTATION ONLY

TE Part # 47387-7  
DAHT PG PIDG 16-12 ASSY



TE Part # 58433-3  
PRO CR ASSY, RBY IS9252



REPRESENTATION ONLY

TE Part # 47387  
DAHT PG PIDG 20-14 ASSY



REPRESENTATION ONLY

TE Part # 525691  
DAHT PG PIDG 16-14 ASSY



TE Part # 539691-2  
ERGO DIE R.B.Y



TE Part # 58423-1  
DIE, RBY IS9252



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)

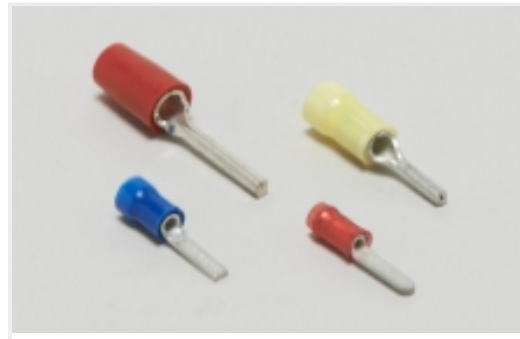


TE Part # 169404  
CERTI-LOK DIE

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



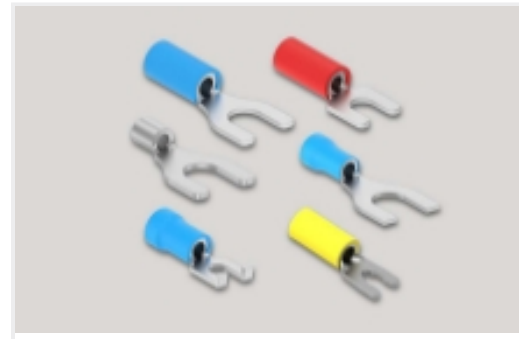
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(18)



Ring Terminals(297)



Spade Terminals(157)



Splices(44)

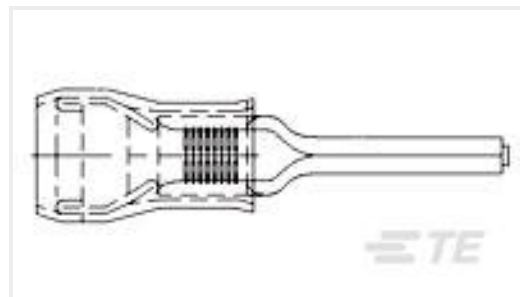
### Customers Also Bought



TE Part #131443  
PG, WIRE TAB ASSY, 22-16



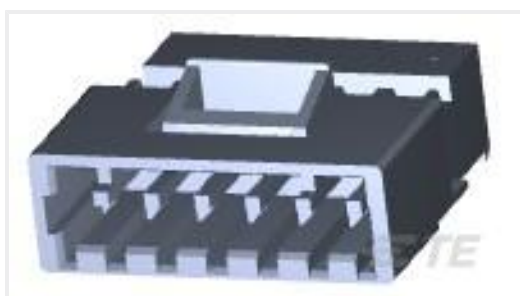
TE Part #36946  
SPLICE,SOLIS PARA 1/0



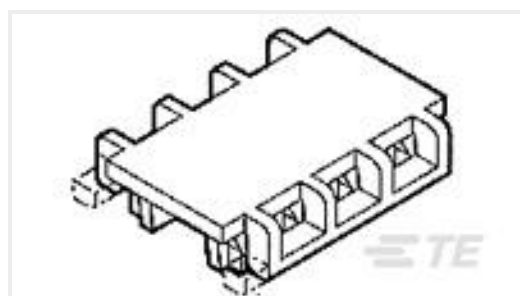
TE Part #160404-2  
TERM, WIRE PIN, PIDG, 12-10 AWG



TE Part #61794-4  
RING 18-14 AWG BR



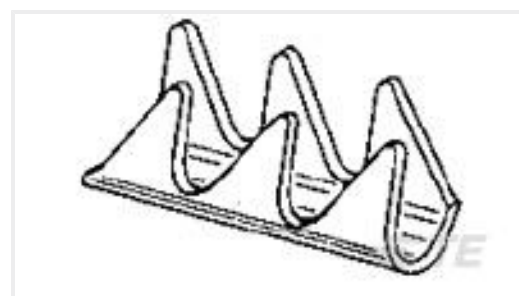
TE Part #3-641435-6  
06P MTA156 CONN ASSY ORNG



TE Part #643071-6  
06P MTA156 FD-THRU COVER



TE Part #770266-1  
02P .093 COMM P&S RECPT .248CL



TE Part #925856-1  
WIRE PIN 15.5-13.5 AWG .01 PTPB



TE Part #165167-1  
PG WIREPIN RED LONG

### 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

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