

165167-1 ✓ ACTIVE



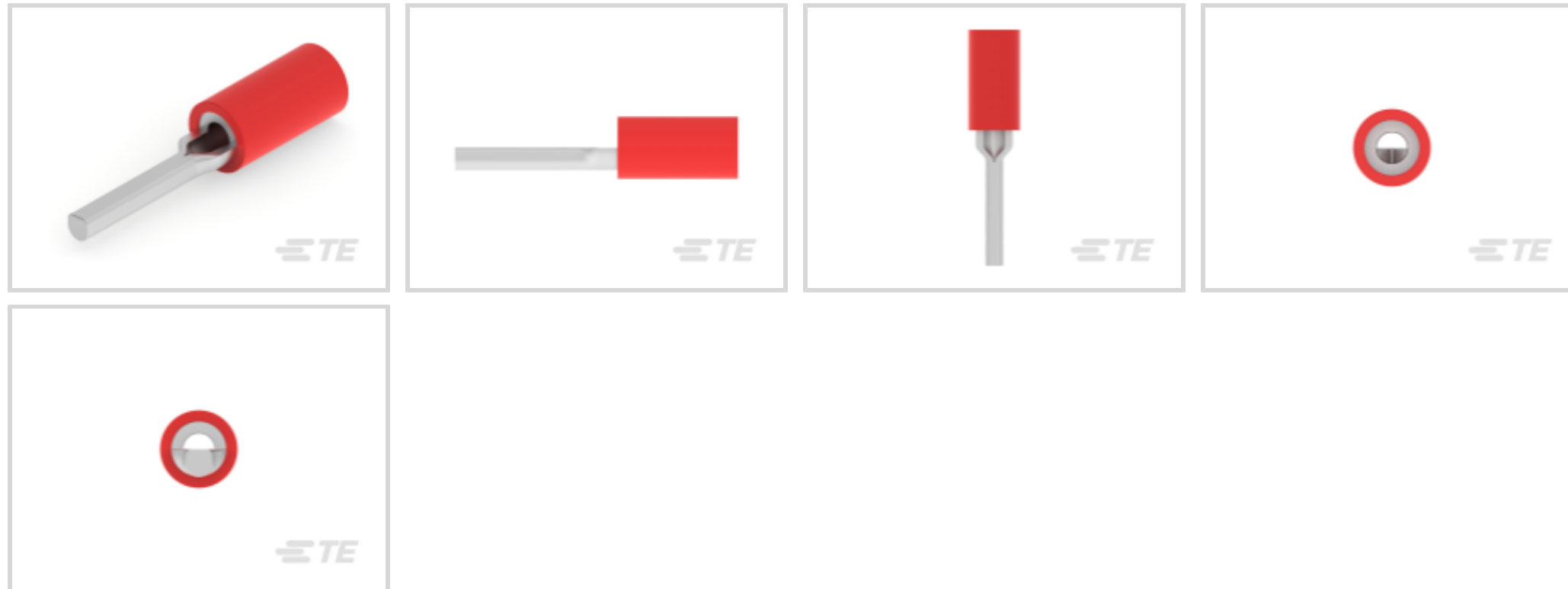
PLASTI-GRIP

TE Internal #: 165167-1

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Mating Pin Diameter 1.78 mm [.07 in], 22 - 16 AWG Wire Size, .3 - 1.42 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: **2.67 - 3.36 mm, 3.71 mm [.105 - .14 in, .146 in]**

Wire Size: **.3 - 1.42 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	Red

#### 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	.5 - 1 mm <sup>2</sup>
Compatible Insulation Diameter Range	2.67 - 3.36 mm, 3.71 mm [.105 - .14 in][.146 in]
Wire Size	509 - 3260 CMA
Barrel Inside Diameter	3.7 mm [.145 in]
Terminal Material Thickness	.79 mm [.031 in]
Overall Product Length	23.82 mm [.938 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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



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



TE Part # 59250  
T-HEAD PIDG 26-14 ASSY



TE Part # 58423-1  
DIE, RBY IS9252



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



TE Part # 2063030-1  
SDE DIESET, RBY, UL



TE Part # 47806-2  
DIES PIDG 22-16 DIE SET



TE Part # 59300  
T-HEAD PIDG PG 26-16 ASSY



TE Part # 169400  
CERTI-LOK FRAME W/O DIES



TE Part # 169404  
CERTI-LOK DIE



TE Part # 1SET191001R0000  
CRIMP-HT



TE Part # 1SET191002R0000  
TET CRIMP-HT

## Also in the Series | PLASTI-GRIP



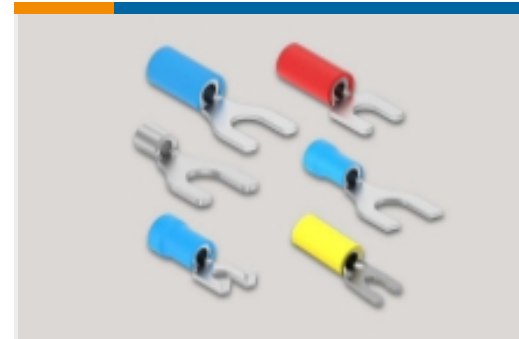
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(19)



Ring Terminals(300)



Spade Terminals(160)



Splices(46)

## Customers Also Bought



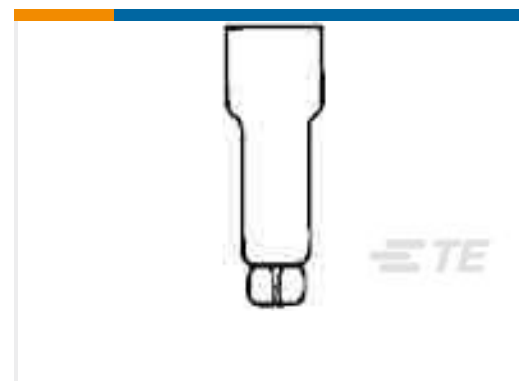
TE Part # 52942-1  
PIDG Short Spring Spade Tongue Terminals



TE Part # DT13-6P-G003  
HDR, 6P, GRY, RA, AU/NI/CU



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



TE Part # 55843-1  
SPLICE,CE 22-14



TE Part # 350199-1  
RING TONGUE TERMINAL 18-14 AWG NIPST



TE Part # 61118-4  
CMNL PIN 20-14 TPPHBZ



TE Part # 9-1879335-4  
CPF 0603 200R 1% 50PPM 1K RL



TE Part # 2-320559-4  
SPLICE BUTT PIDG 22-16; TAPE

## Documents

### Product Drawings

[PG WIREPIN RED LONG](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_165167-1\\_B.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_165167-1\\_B.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_165167-1\\_B.2d\\_dxf.zip](#)

English

**3D PDF**

English

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_165167-1\\_L.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_165167-1\\_L.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_165167-1\\_L.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[PLASTI GRIP\\_QRG](#)

English

[RADIATION\\_RESISTANT\\_PRE-INSULATED\\_TERMINALS\\_SPLICES](#)

English

[Standard Terminals & Splices](#)

English

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## Product Specifications

[Application Specification](#)

English