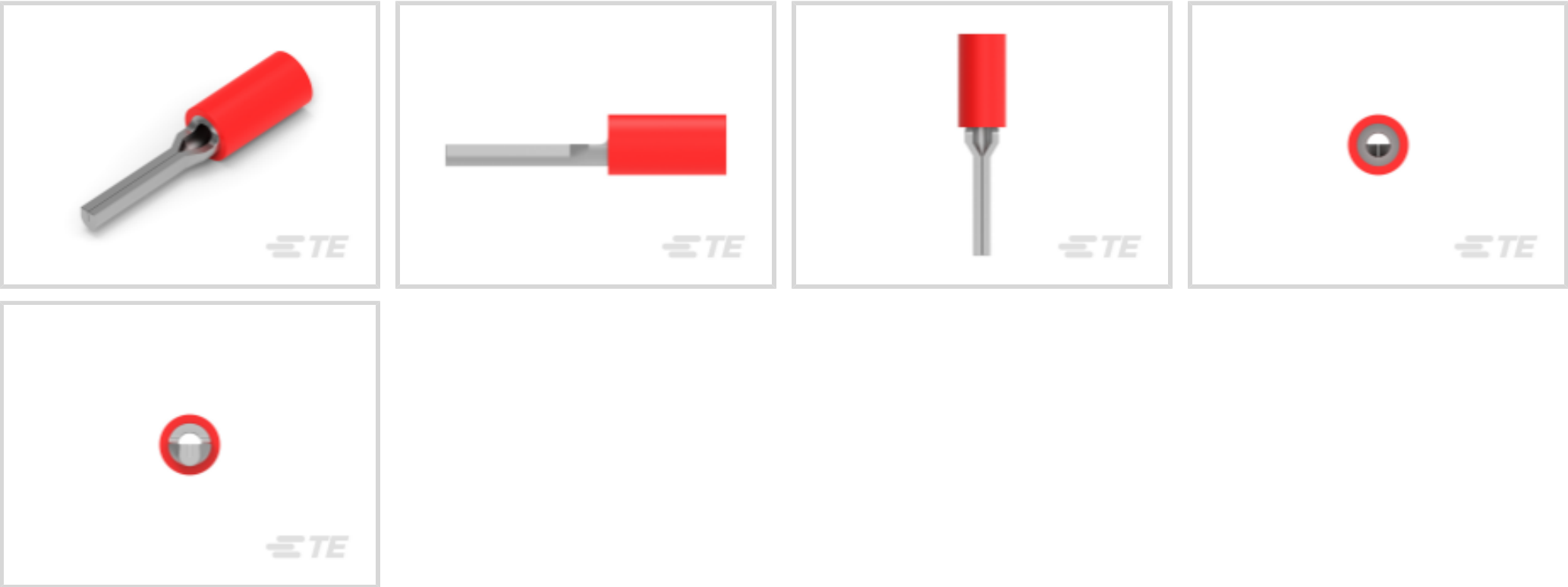




PLASTI-GRIP

TE Internal #: 165167
Wire Pin Terminal, Red, 1.78 mm [.07 in] Pin Diameter, 22 – 16
AWG, .3 – 1.42 mm² Wire, 509 – 3260 CMA, 23.82 mm [.938 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: **2.67 – 3.36 mm, 3.71 mm [.105 – .14 in, .146 in]**
Wire Size: **.3 – 1.42 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	Red

Contact Features

Contact Mating Area Length	9.9 mm[.39 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	.5 – 1 mm²
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
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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	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>

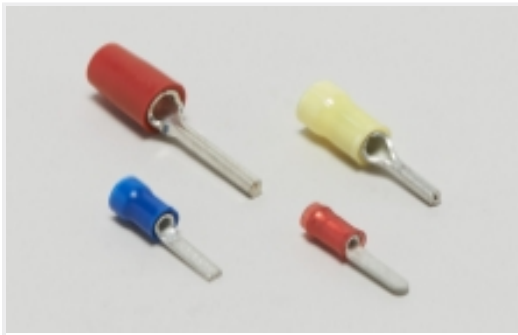
Compatible Parts

TE Part # 47806-2 DIE PIDG 22-16 DIE SET	TE Part # 4-1377173-2 SMP 0-0165167-0	TE Part # 47386 DAHT PG PIDG 26-16 ASSY	TE Part # 58433-3 PRO CR ASSY, RBY IS9252
TE Part # 58423-1 DIE, RBY IS9252	TE Part # 59250 T-HEAD PIDG 26-14 ASSY	TE Part # 169400 CERTI-LOK FRAME W/O DIES	TE Part # 2063030-1 SDE DIESET, RBY, UL
TE Part # 539691-2 ERGO DIE R.B.Y	TE Part # 169404 CERTI-LOK DIE	TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY	TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

Also in the Series | PLASTI-GRIP



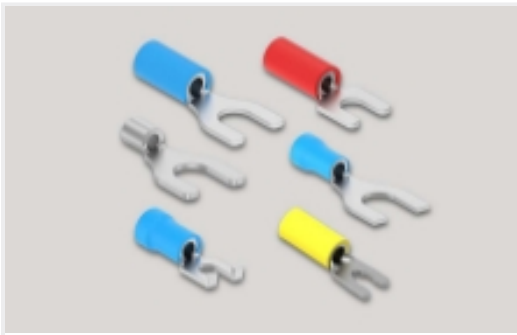
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

Customers Also Bought



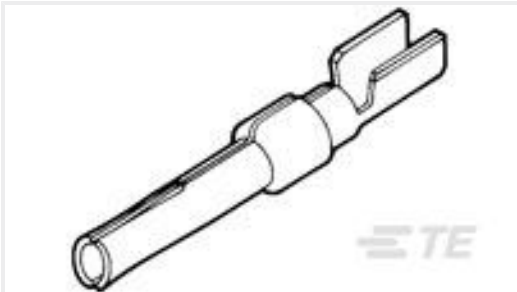
TE Part #32961
TERMINAL,PG R 16-14 1/4



TE Part #66098-3
III+ PIN,18-16,15AU/FL,STRIP



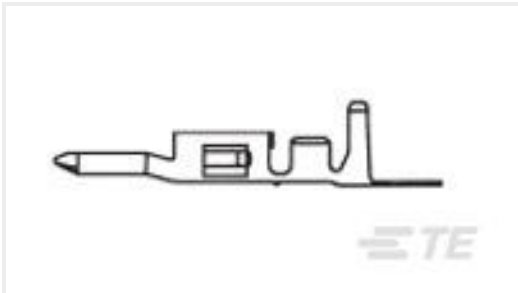
TE Part #165143
PG WIRE PIN 22-16



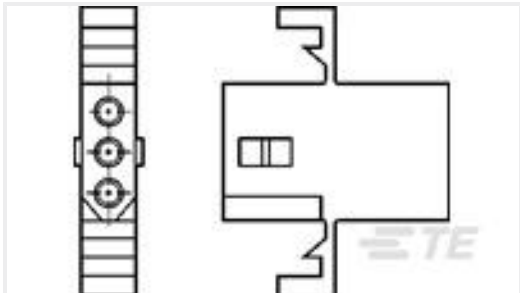
TE Part #205311-3
20 DF SOCKET PLTD



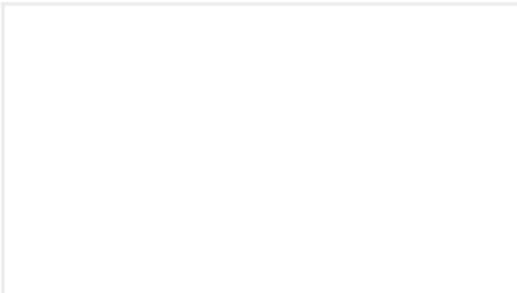
TE Part #320562
SPLICE BUTT PIDG 16-14



TE Part #1586314-2
VAL-U-LOK PIN BR AU 22-18 LP



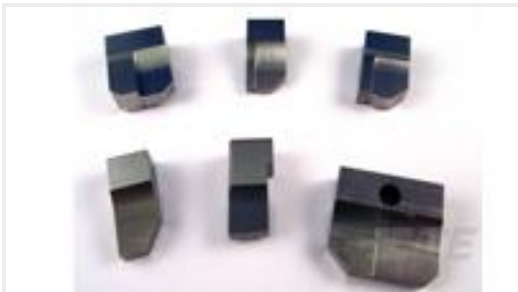
TE Part #770335-1
04P .062 COMM P&S RECPT



TE Part #240648-1
PLATE-STRIP GUIDE



ANVIL
TE Part #525889-2
ANVIL - SPLICE



AMBOSS
TE Part #5-879500-1

Documents



Product Drawings

PG WIRE PIN 22-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165167_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165167_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165167_L.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165167_B.3d_igs.zip

English

Customer View Model

ENG_CVM_165167_B.3d_stp.zip

English

Customer View Model

ENG_CVM_165167_B.2d_dxf.zip

English

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

Datasheets & Catalog Pages

PLASTI GRIP_QRG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English