165143 ✔ ACTIVE

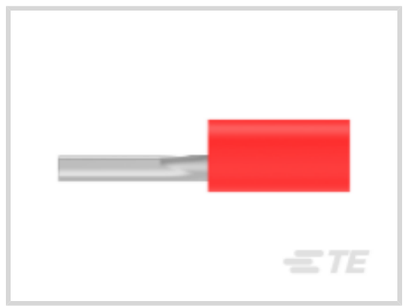
PLASTI-GRIP

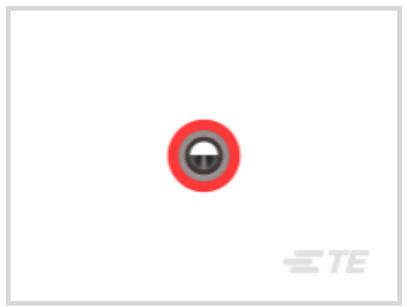
TE Internal #: 165143

Wire Pin, Mating Pin Diameter 1.78 mm [.07 in], 22 – 16 AWG Wire Size, .3 – 1.42 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: **2.67 – 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

Body Features

Sleeve Material	PVC
Insulation Material	PVC
Primary Product Color	Red

Contact Features

Contact Mating Area Length	6.7 mm[.26 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

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	20.7 mm[.81 in]

Usage Conditions

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

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	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 # 47386-4
DAHT PG PIDG 26-16 ASSY



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



TE Part # 58423-1
DIE, RBY IS9252



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 47386
DAHT PG PIDG 26-16 ASSY



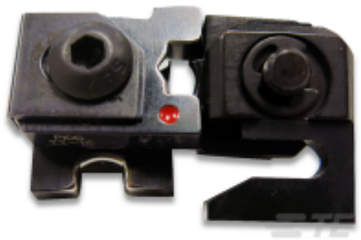
TE Part # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 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 # 4-1377173-1
SMP 0-0165143-0



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

TE Part # 2392021-2
RED BATTERY DAHT KIT 220V (47689-4)

TE Part # 2392021-1
RED BATTERY DAHT KIT 110V (47689-4)



TE Part # 169404
CERTI-LOK DIE



TE Part # 1SET191002R0000
TET CRIMP-HT

Also in the Series | PLASTI-GRIP



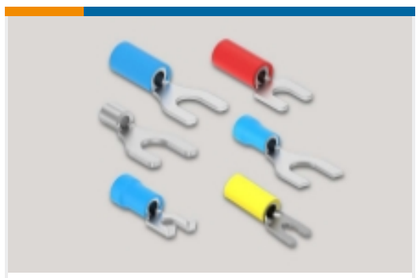
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(19)



Ring Terminals(300)



Spade Terminals(160)



Splices(46)

Customers Also Bought



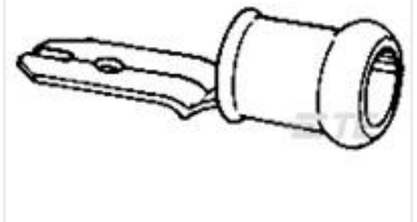
TE Part #5-6609107-3
CORCOM P SERIES MULTI-FUNCTION INLET FIL



TE Part #DP86-015D
15 PSID MV DIFFERENTIAL PRESSURE SENSOR



TE Part #2-327043-1
PG SPD 22-16 COMM 22-18 MIL 6



TE Part #141085-2
TERMINAL TAB FASTON PIDG 6,35

TE Part #ZPF000000000104657
DMC-MD 24 A-K-T



TE Part #2157375-1
Rcpt,8 Pos,103 Shell,2.5A PCB Cont, Pol1

TE Part #862256-1
POTTING SHELL



TE Part #524141-E
MCBA 8 M * SMD 137 * 176 * GURT C8 J 2 5

Documents

Product Drawings

PG WIRE PIN 22-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165143_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165143_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165143_N.3d_stp.zip

English

Customer View Model

ENG_CVM_165143_C.3d_igs.zip

English

Customer View Model

ENG_CVM_165143_C.3d_stp.zip

English

Customer View Model

ENG_CVM_165143_C.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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1903112-2 CRGCQ2010J3K3 ROX05SJ18R 1393431-1 2-292161-3 3-1393225-0 175977-2 2310537-1 2380312-2 650075-000 TE50BR39J U5254-000005-030PA 1-794222-0 141991-2 936348-1 RH73H2A40MKTN 2377783-2 3430B2F51RTDF CPF0402B37K4E1 2005330-1 2834055-1 MPT100C18RF SBCHE64R7K 1-962915-1 1743455-2 917696-1 SBCHE154R7K SMW73R0JT 1969656-1 3631B101LL