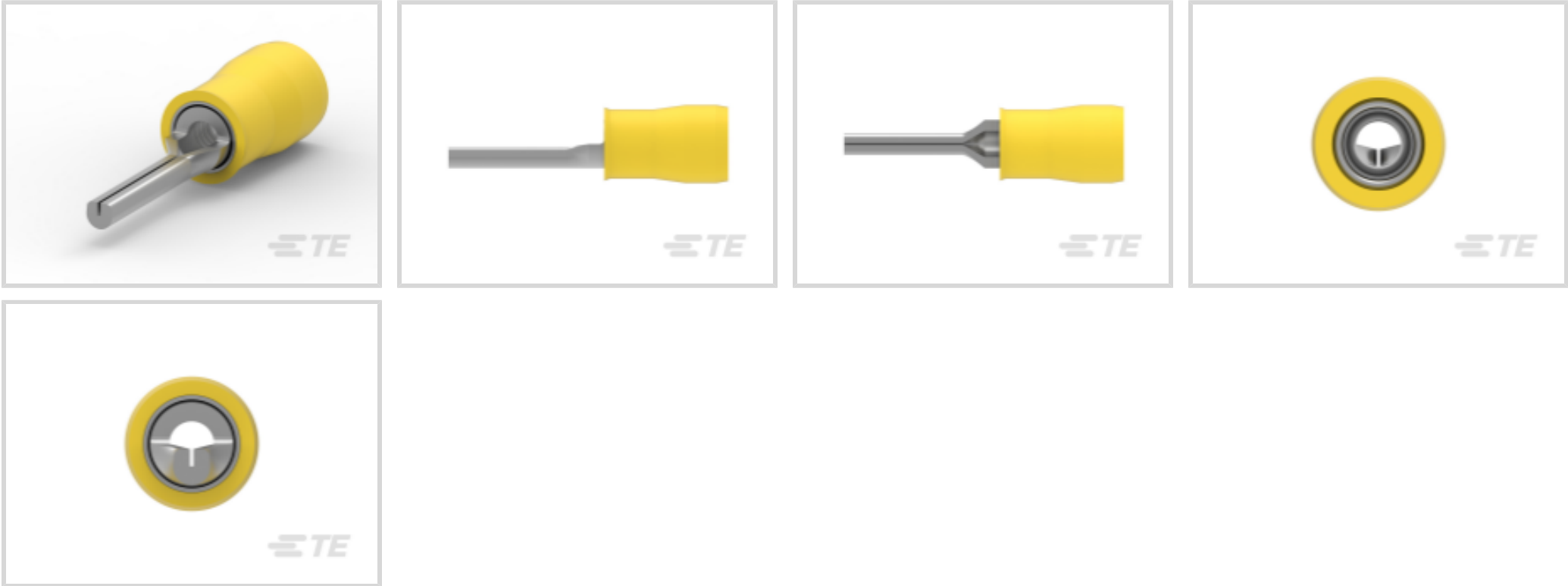




PIDG

TE Internal #: 165049
Wire Pin, 2.6 mm [.102 in] Pin Diameter, 12 – 10 AWG, 2.62 – 6.64 mm² Wire, 5180 – 13100 CMA, Closed Barrel, Tin Plating, PIDG
[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules > PIDG Formed Wire Pins



Crimp Wire Terminal Type: **Wire Pin**
Mating Pin Diameter: **2.6 mm [.102 in]**
Compatible Insulation Diameter Range: **6.3 mm [.25 in]**
Wire Size: **2.62 – 6.64 mm²**

[All PIDG Formed Wire Pins \(6\)](#)

Features

Body Features

Sleeve Material	Nylon
Primary Product Color	Yellow
Insulation Material	Nylon

Product Type Features

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

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Dimensions

DIN Wire Size	2.62 – 6.64 mm ²
Compatible Insulation Diameter Range	6.3 mm[.25 in]
Wire Size	5180 – 13100 CMA



Barrel Inside Diameter	6.4 mm[.253 in]
Terminal Material Thickness	.99 mm[.039 in]
Overall Product Length	29.08 mm[1.145 in]

Contact Features

Contact Mating Area Length	10 mm[.39 in]
Contact Fabrication	Stamped & Formed
Crimp Wire Terminal Type	Wire Pin
Mating Pin Diameter	2.6 mm[.102 in]
Barrel Type	Closed
Terminal Plating Material	Tin
Contact Shape & Form	Round
Terminal Orientation	Straight

Configuration Features

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

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Usage Conditions

Insulation Option	Partially Insulated
-------------------	---------------------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

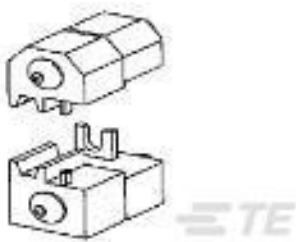
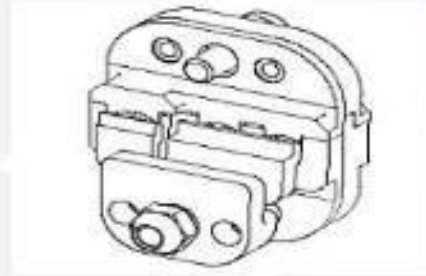
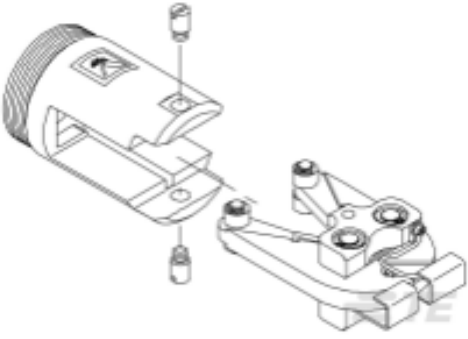
Solder Process Capability

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>

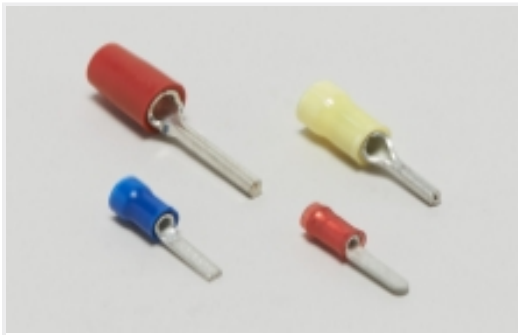
Compatible Parts

 TE Part # 47808-6 DIES PIDG 12-10 DIE SET	 TE Part # 169400 CERTI-LOK FRAME W/O DIES	 TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY	 TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY
 TE Part # 539691-2 ERGO DIE R.B.Y	 TE Part # 169404 CERTI-LOK DIE	 TE Part # 2063030-1 SDE DIESET, RBY, UL	 TE Part # 58423-1 DIE, RBY IS9252
 TE Part # 58433-3 PRO CR ASSY, RBY IS9252	 TE Part # 679300-1 1210 PIDG CRIMP HEAD		

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



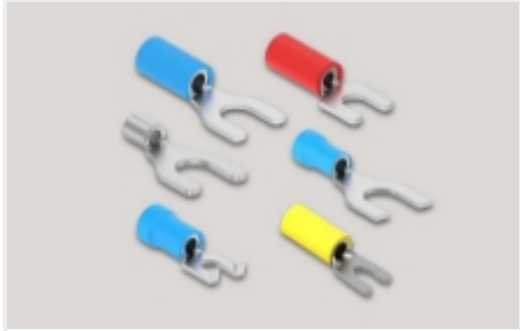
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

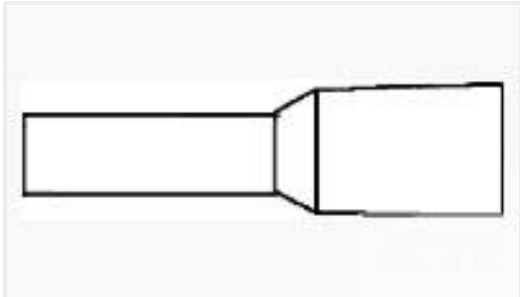
Customers Also Bought



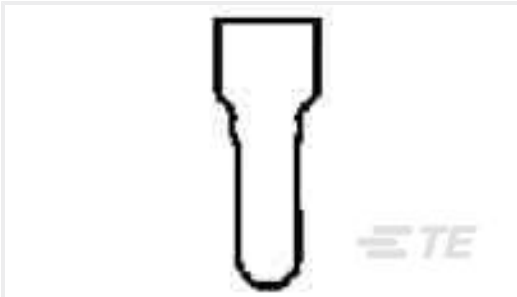
TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #165168
TERM, WIRE PIN, PIDG, 22-16



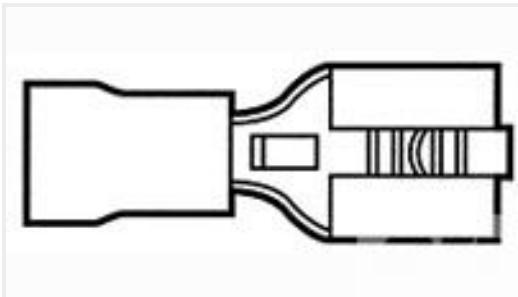
TE Part #2-966067-7
FER,WIRE,PL SLV,16.00/6,L18,BLUE,LP



TE Part #328730
SPLICE,N CE 22-10



TE Part #1-1986692-2
STR PLUG SPRING TYPE RH 12P, 3.50 mm



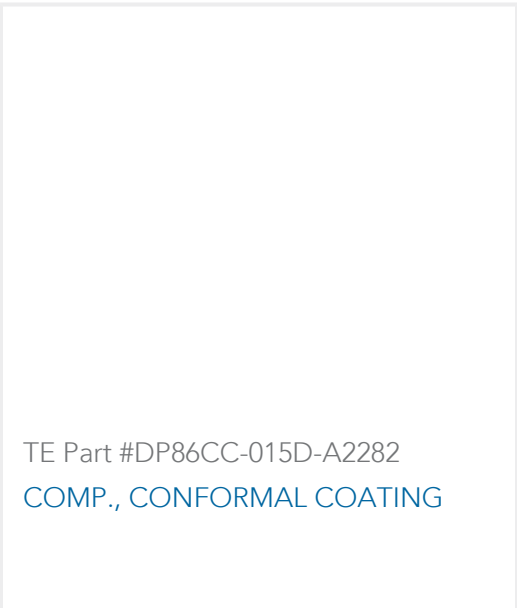
TE Part #9-160583-6
250 PIDG FASTON REC



TE Part #1-2201855-2
MINI I/O PLUG KIT TYPE II M



TE Part #165133
PIDG WIRE PIN



Documents

Product Drawings

TERM, WIRE PIN, PIDG, 12 - 10, -ASI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165049_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165049_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165049_J.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165049_G.3d_igs.zip

English

Customer View Model

ENG_CVM_165049_G.3d_stp.zip

English

Customer View Model

ENG_CVM_165049_G.2d_dxf.zip

English

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

Datasheets & Catalog Pages

PIDG TERMINALS & SPLICES Quick Reference Guide

English

Instruction Sheets

Instruction Sheet (U.S.)

English



[Agency Approvals](#)

[UL Report](#)

English