

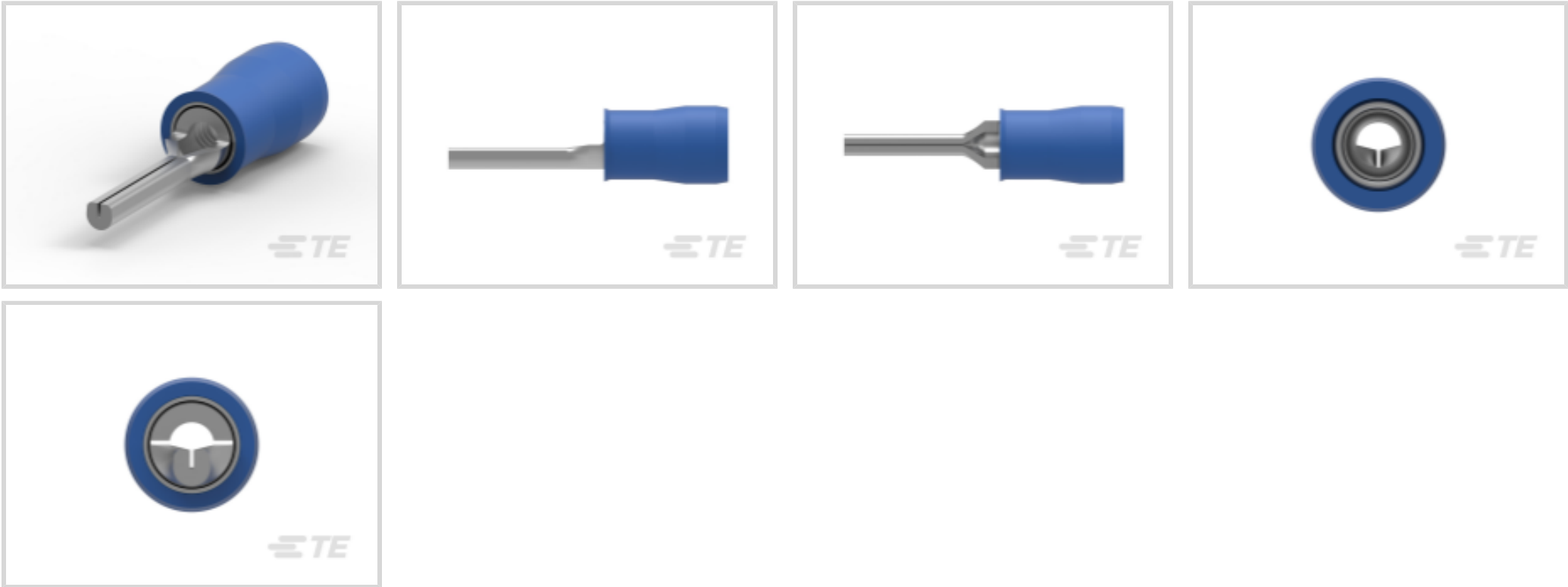


PIDG

TE Internal #: 165046
Wire Pin, 1.78 mm [.07 in] Pin Diameter, 16 – 14 AWG, 1 – 2.6 mm²
Wire, 2050 – 5180 CMA, Closed Barrel, Tin Plating, Length 19.69 mm [.775 in], 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: **1.78 mm [.07 in]**
Compatible Insulation Diameter Range: **2.92 – 4.31 mm, 4.3 mm [.115 – .17 in, .17 in]**
Wire Size: **1 – 2.6 mm²**

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

Features

Body Features

Sleeve Material	Nylon
Primary Product Color	Blue
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	1000
Packaging Method	Loose Piece

Dimensions

DIN Wire Size	1 – 2.5 mm ²
Compatible Insulation Diameter Range	2.92 – 4.31 mm, 4.3 mm[.115 – .17 in][.17 in]



Wire Size	2050 – 5180 CMA
Barrel Inside Diameter	4.3 mm[.169 in]
Terminal Material Thickness	.79 mm[.031 in]
Overall Product Length	19.69 mm[.775 in]

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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Mechanical Attachment

Wire Insulation Support	With
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Usage Conditions

Insulation Option	Partially Insulated
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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 # 58423-1
DIE, RBY IS9252



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

Also in the Series | PIDG



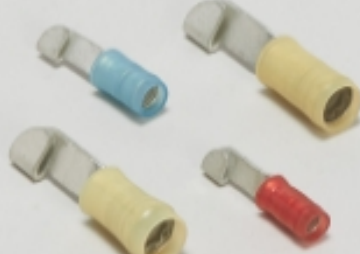
Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



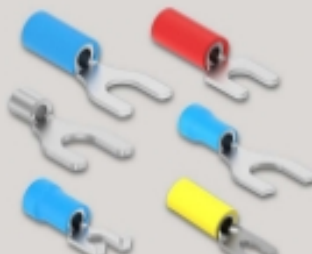
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #165172
PIDG WIRE PIN



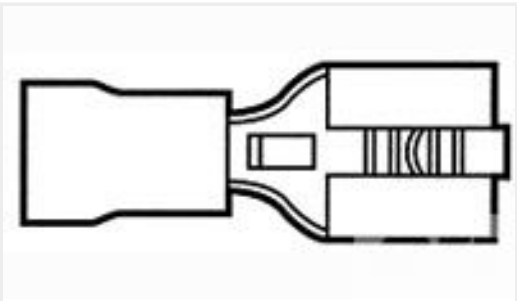
TE Part #35346
TERMINAL,PIDG R 12-10 5/16



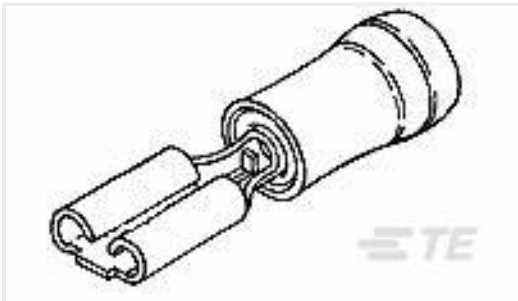
TE Part #4-1625999-0
HSC100 4R7 5%



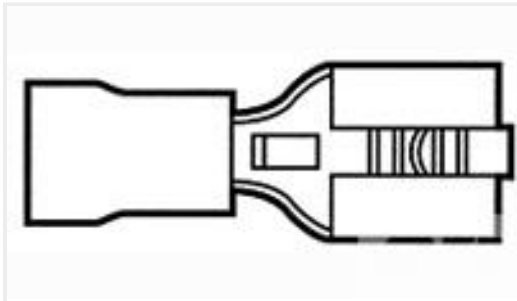
TE Part #3-1625999-3
HSC100 3R3 5%



TE Part #9-160313-6
250 PIDG FASTON REC



TE Part #165566-4
110 PIDG FASTON REC



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



TE Part #165133
PIDG WIRE PIN



TE Part #AAG6503-00
91H3-17-09-1-ZN-HE200



TE Part #G8N
MOUNT,MGM,3/4,58A,NM CHR,STD, 12FT58A

Documents

Product Drawings

PIDG WIRE PIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165046_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165046_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165046_N.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165046_G.3d_igs.zip

English

Customer View Model

ENG_CVM_165046_G.3d_stp.zip

English

Customer View Model

ENG_CVM_165046_G.2d_dxf.zip

English



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Datasheets & Catalog Pages
PIDG TERMINALS & SPLICES Quick Reference Guide
English

Instruction Sheets
Instruction Sheet (U.S.)
English

Agency Approvals
UL Report
English