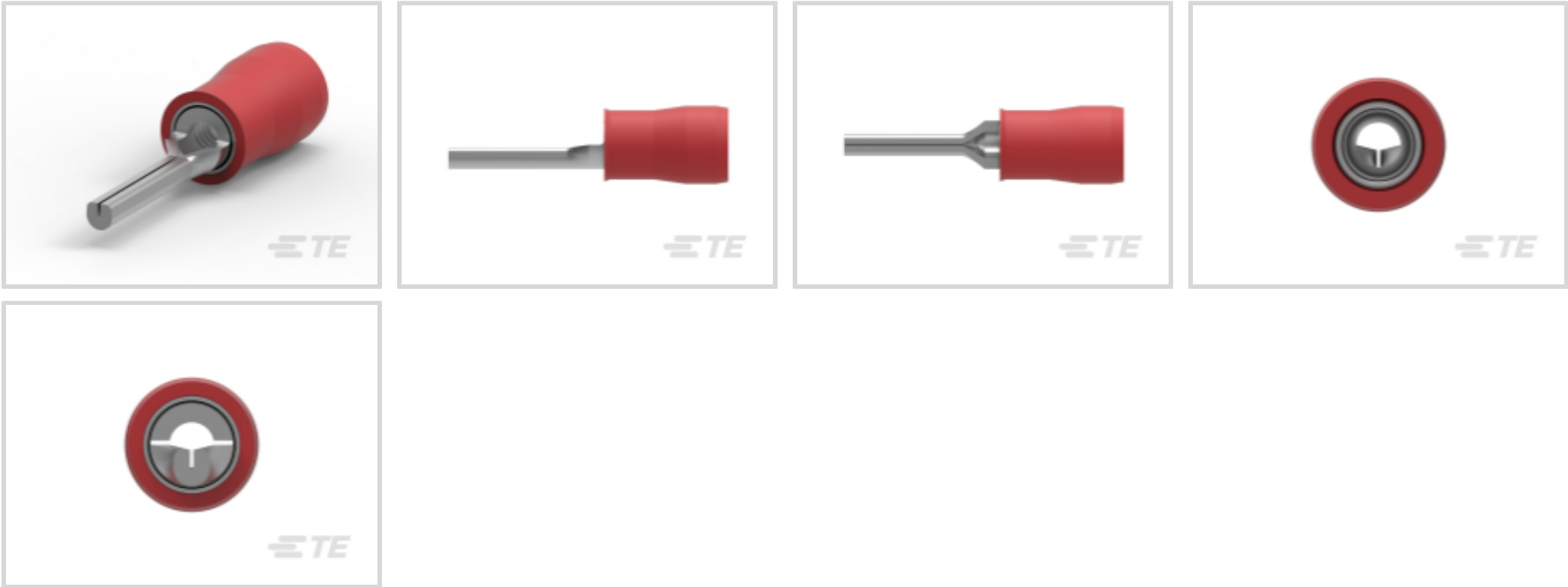




PIDG

TE Internal #: 165168  
Wire Pin, 1.8 mm [.07 in] Pin Diameter, 22 – 16 AWG, .3 – 1.42 mm<sup>2</sup>  
Wire, 493 – 3158 CMA, Closed Barrel, Tin Plating, 23 mm [.906 in]  
Length, 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: **1.8 mm [.07 in]**  
Compatible Insulation Diameter Range: **3.56 mm [.14 in]**  
Wire Size: **.3 – 1.42 mm<sup>2</sup>**

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

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	Nylon
Primary Product Color	Red
Insulation Material	Nylon

Contact Features

Contact Mating Area Length	9.9 mm[.39 in]
Contact Fabrication	Stamped & Formed
Crimp Wire Terminal Type	Wire Pin



Mating Pin Diameter	1.8 mm[.07 in]
Barrel Type	Closed
Terminal Plating Material	Tin
Contact Shape & Form	Round
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

DIN Wire Size	.5 – 1 mm²
Compatible Insulation Diameter Range	3.56 mm[.14 in]
Wire Size	493 – 3158 CMA
Barrel Inside Diameter	3.7 mm[.145 in]
Terminal Material Thickness	.79 mm[.031 in]
Overall Product Length	23 mm[.906 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>



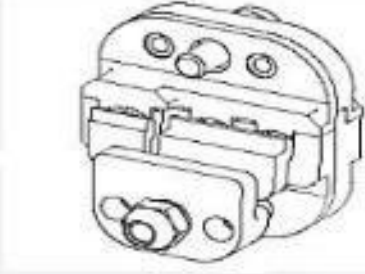


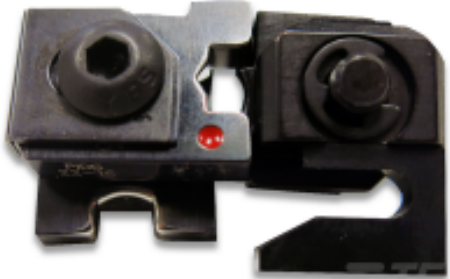






EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

 <p>TE Part # 539691-2 ERGO DIE R.B.Y</p>	 <p>TE Part # 169404 CERTI-LOK DIE</p>	 <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p>	 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>
 <p>TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY</p>	 <p>TE Part # 47806-2 DIES PIDG 22-16 DIE SET</p>	 <p>TE Part # 47386 DAHT PG PIDG 26-16 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>
 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>	 <p>TE Part # 696273-2 TERM, WIRE PIN, PIDG, 22-16, T&amp;R</p>	 <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p>

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



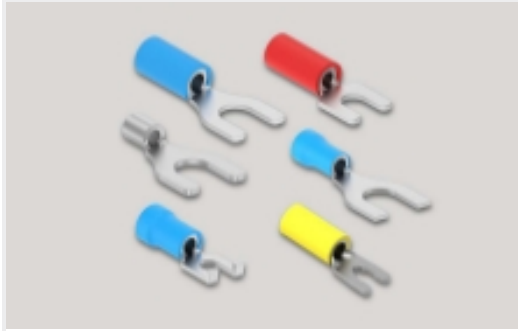
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #284517-5  
5P TERMIBLOK HDR DIR POL



TE Part #5-316086-1  
2.5 SIGNAL D/LOCK CAP HSG 2P (GWT)



TE Part #353715-3  
DYNAMIC D-3 REC CONT. 3L AU 0.76



TE Part #CAT-SI261-P729A  
Glow Wire Signal Double Lock Plug



TE Part #5-917690-1  
2.5 SIGNAL D/LOCK PLUG HSG 6P



TE Part #2-1318116-3  
DYNAMIC D2100 TAB HSG 3P P/M Y



TE Part #345160-1  
040 SERIES RECEPT.



TE Part #2-1105050-2  
HN.D-C-STI.AU.0,5

Documents

Product Drawings

TERM, WIRE PIN, PIDG, 22-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_165168\_K.2d\_dxf.zip





English

Customer View Model

[ENG\\_CVM\\_CVM\\_165168\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_165168\\_K.3d\\_stp.zip](#)

English

3D PDF

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Customer View Model

[ENG\\_CVM\\_165168\\_F.3d\\_igs.zip](#)

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Customer View Model

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English

Customer View Model

[ENG\\_CVM\\_165168\\_F.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