

165168 ✓ ACTIVE



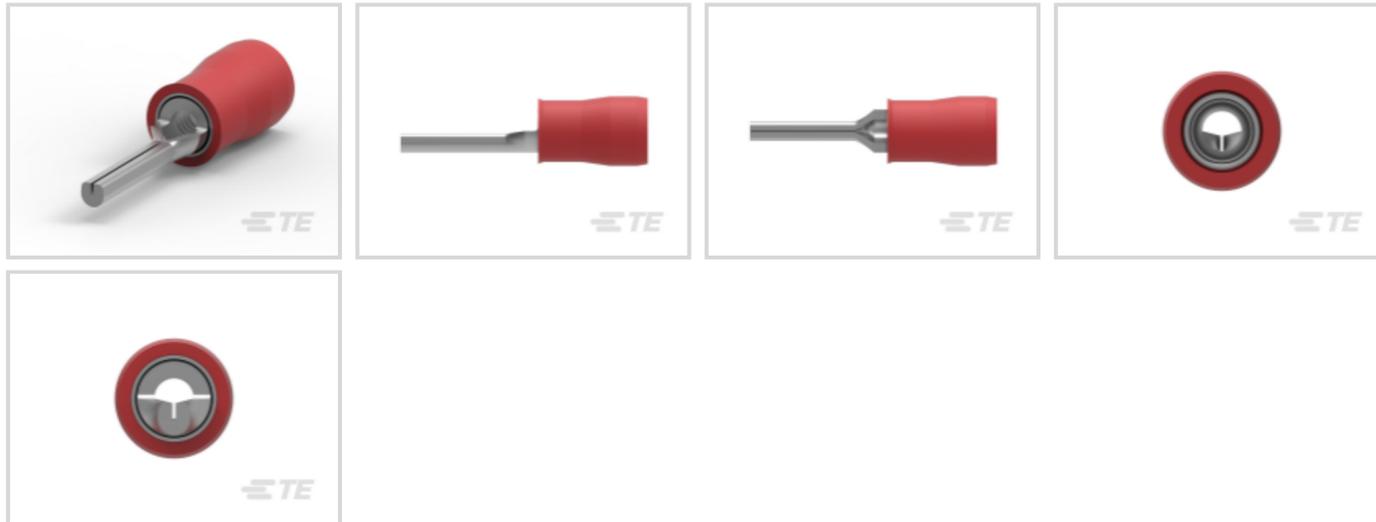
PIDG

TE Internal #: 165168

Wire Pin Terminal, Red, 1.8 mm [.07 in] Pin Diameter, 22 – 16 AWG, .3 – 1.42 mm² Wire, 493 – 3158 CMA, 23 mm [.906 in] Length, Closed Barrel, PIDG

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



Crimp Wire Terminal Type: **Wire Pin Terminal**

Mating Pin Diameter: **1.8 mm [.07 in]**

Compatible Insulation Diameter Range: **3.56 mm [.14 in]**

Wire Size: **.3 – 1.42 mm²**

[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
Insulation Material	Nylon
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	1.8 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 mm ²
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	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	Low Halogen - Br, Cl, F < 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



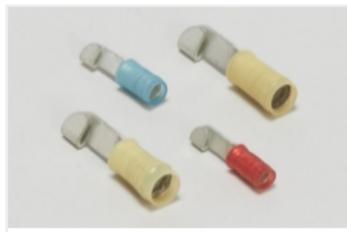
Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



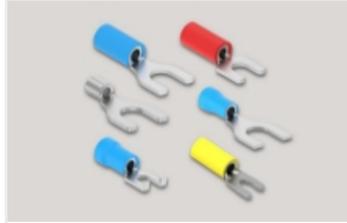
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(587)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #ANT-ELE-S01-006
Antenna Hi-Gain 824-960MHz
MagBase-Mnt



TE Part #ANT-MAG-B85-RPS
Antenna Magnetic Base 85mm RG174
4M RPS



TE Part #ANT-916-CW-RCL
Antenna 1/2 Wave R-Angle 916MHz
RPS



TE Part #165142
PIDG WIRE PIN 22-16
RPS



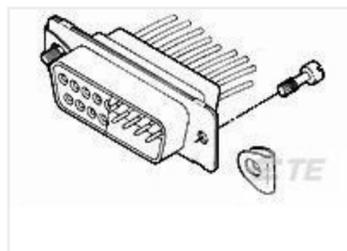
TE Part #5-316086-1
2.5 SIGNAL D/LOCK CAP HSG 2P
(GWT)



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 #1857211-3
4-40 UNC Screw Retainer Kit Am

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](#)

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[3D PDF](#)

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Customer View Model

[ENG_CVM_165168_F.3d_igs.zip](#)

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[ENG_CVM_165168_F.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English