

165168 ✓ ACTIVE



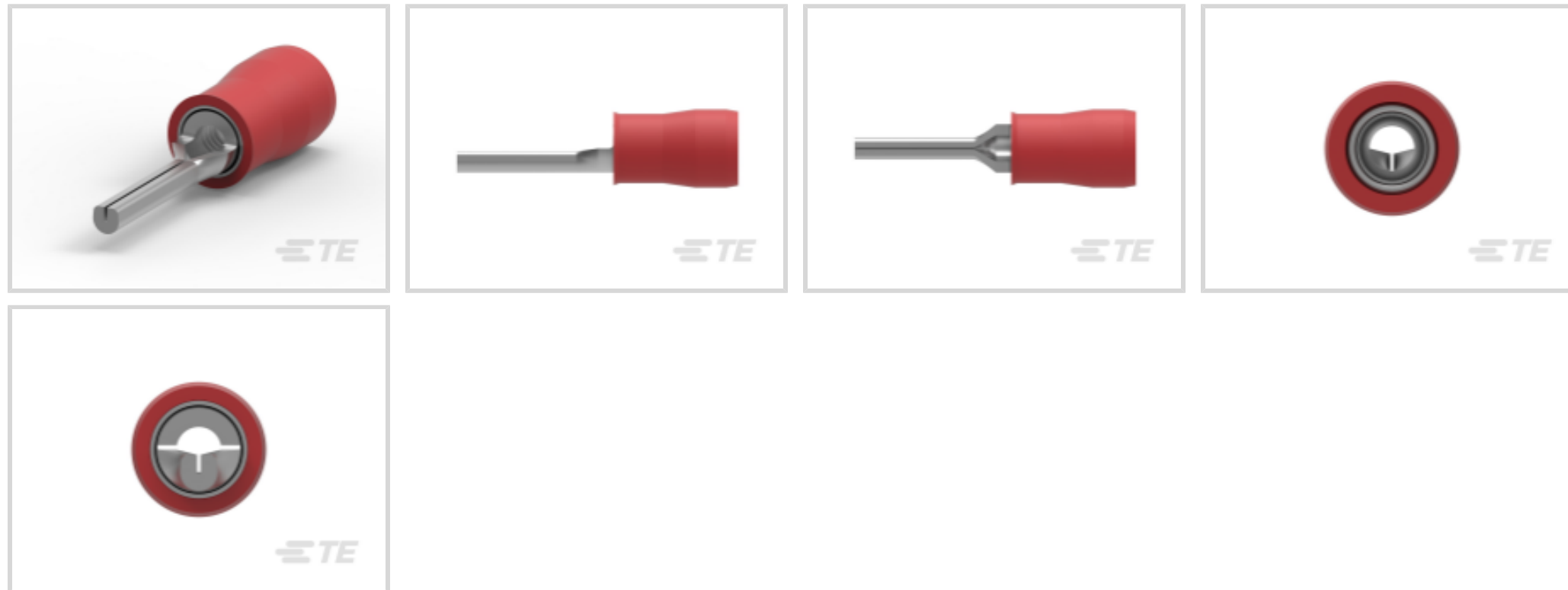
PIDG

TE Internal #: 165168

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Pin Diameter 1.8 mm [.07 in], 22 – 16 AWG Wire Size, .3 – 1.42 mm² Wire Size, PIDG

[View on TE.com >](#)

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



Crimp Wire Pin, Tab & Ferrule Terminal Type: **Wire Pin**

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

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

Wire Size: **.3 – 1.42 mm²**

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

Features

Product Type Features

Shape Description	WIRE PIN-003
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

Insulation Sleeve Material	Nylon
Double Wire	No
Insulation Color	Red
Insulation Material	Nylon

Contact Features

Terminal Length	9.9 mm[.39 in]
Crimp Wire Pin, Tab & Ferrule Terminal Type	Wire Pin

Barrel Type	Closed
Terminal Plating Material	Tin
Pin Type	Formed
Pin Style	Round
Terminal Orientation	Straight

Termination Features

Bullet Terminal	Without
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

DIN Wire Size	.5 – 1 mm ²
Pin Diameter	1.8 mm [.07 in]
Accepts Wire 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
Operating Temperature Range	105 °C [221 °F]

Operation/Application

Heavy Duty	No
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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: JUNE 2022 (224)
 Candidate List Declared Against: JUNE 2022 (224)
 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

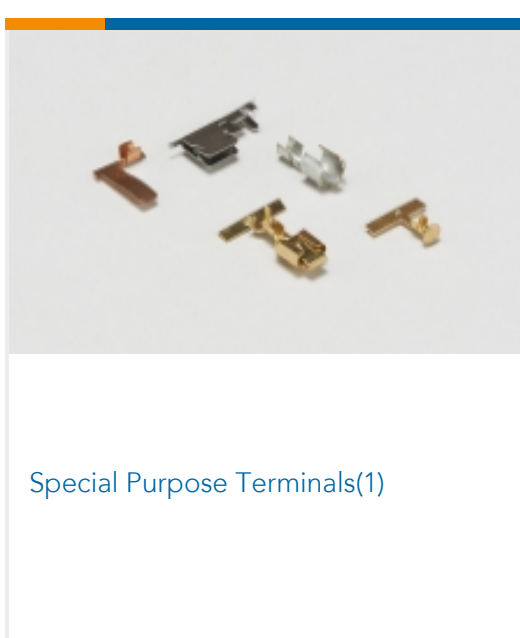
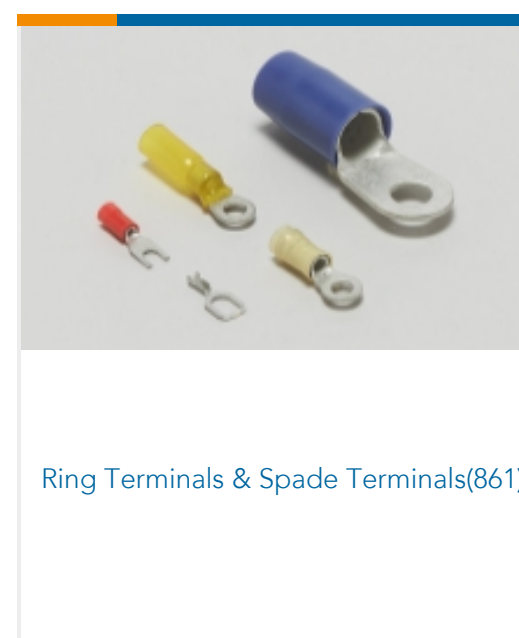
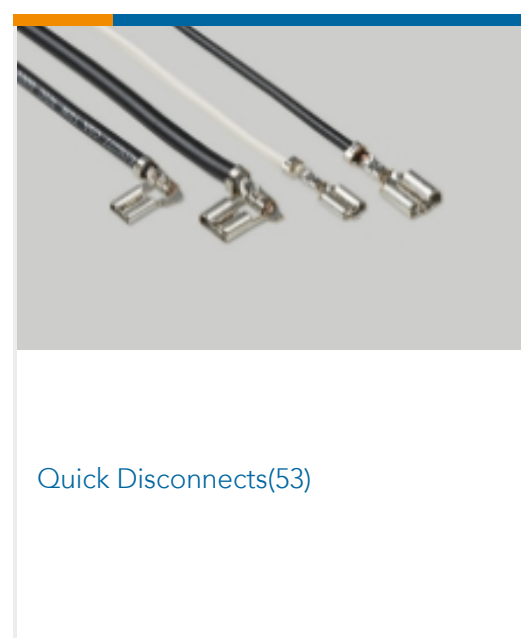
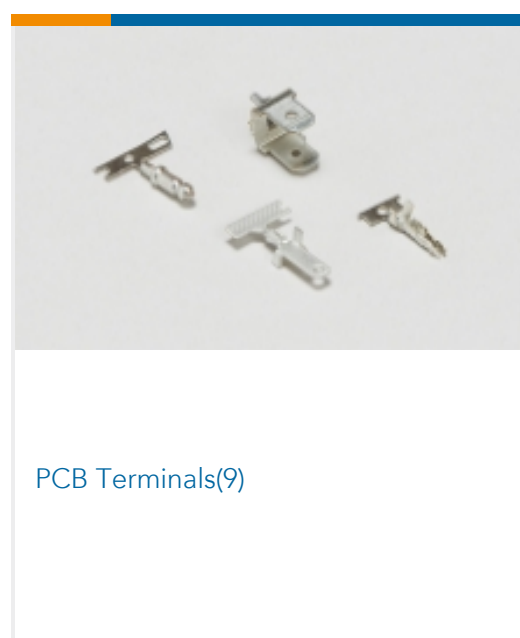
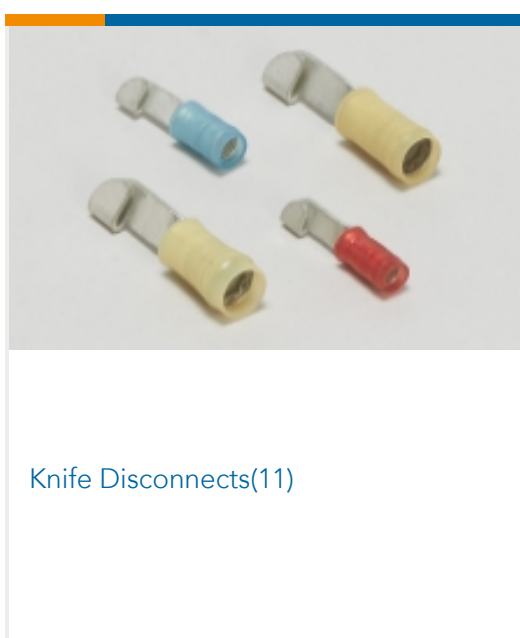
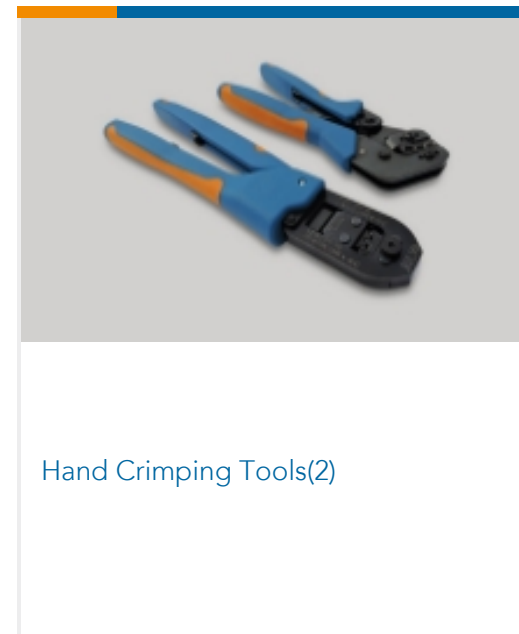
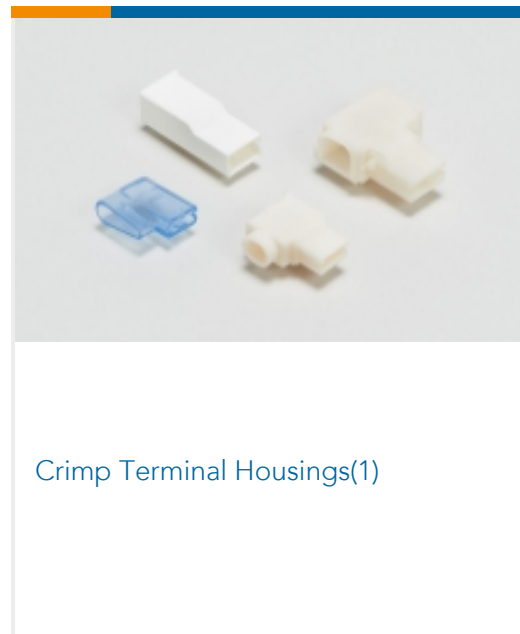
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | PIDG



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

English

Customer View Model

[ENG_CVM_165168_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_165168_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_165168_F.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

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_165168_03162018138_dmtec](#)

English

[MD_165168_03162018138_dmtec](#)

English

Instruction Sheets

Instruction Sheet (U.S.)

English

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AWG Wire Size, .3 – 1.42 mm² Wire Size, PIDG



[Agency Approvals](#)

[UL Report](#)

English