



**PIDG**

TE Internal #: 320569

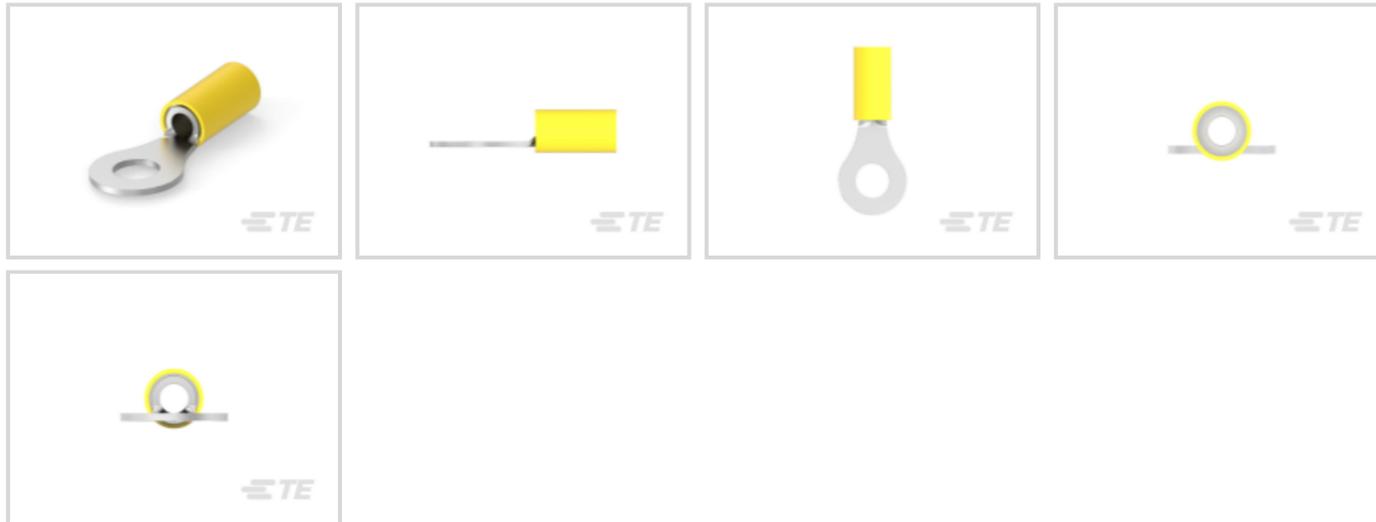
Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

Wire Size, 2.62 – 6.64 mm<sup>2</sup> Wire Size, 5180 – 13100 CMA Wire Size,

Stud Size M6 / 1/4, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG RING TONGUE TERMINALS



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **1/4, M6**

[All PIDG RING TONGUE TERMINALS \(421\)](#)

**Features**

**Product Type Features**

Shape Description	RING-041
Stud Size	1/4, M6
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Configuration Features**

Number of Holes	1
Terminal Angle	180 °

**Electrical Characteristics**

Voltage (Max)	300 V
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**Body Features**

Weight per Piece	3.345 g
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**Contact Features**

Military Part Class	Class I
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Ring & Spade Terminal Type	Ring Tongue
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Barrel Type	Closed
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Terminal Orientation	Straight
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Terminal Plating Material	Tin
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	5180 – 13100 CMA
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Stud Diameter	6.73 mm[.265 in]
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Tongue Thickness	1.02 mm[.04 in]
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Overall Product Length	35.58 mm[1.322 in]
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Accepts Wire Insulation Diameter (Max)	5.84 mm[.23 in]
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Accepts Wire Insulation Diameter Range	3.81 – 5.84 mm[.15 – .23 in]
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### Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C[221 °F]
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### Operation/Application

Compatible With Wire Base Material	Copper
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Compatible With Wire Plating Material	Tin
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Heavy Duty	No
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### Industry Standards

Government Qualified	Yes
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### Packaging Features

Packaging Quantity	500
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Packaging Method	Loose Piece
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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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



TE Part # 59824-1  
 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



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



TE Part # 59239-4  
 HHHT PIDG PG 12-10 ASSY



TE Part # 58423-1  
 DIE, RBY IS9252



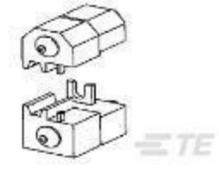
TE Part # 539691-2  
 ERGO DIE R.B.Y



TE Part # 525692  
 HHHT PIDG PG 12-10 ASSY



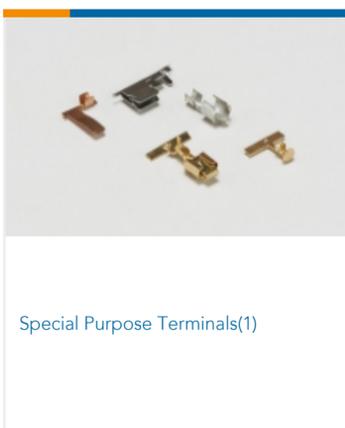
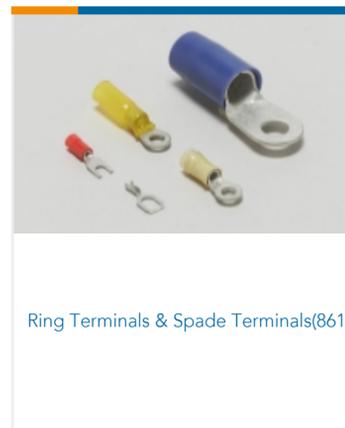
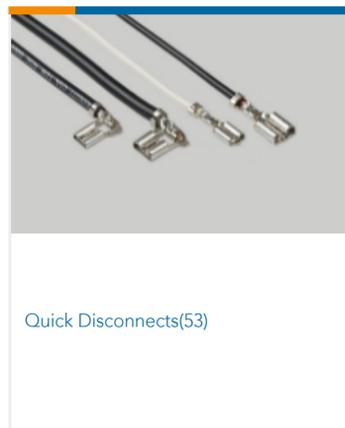
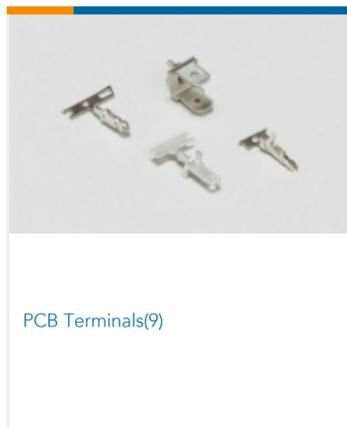
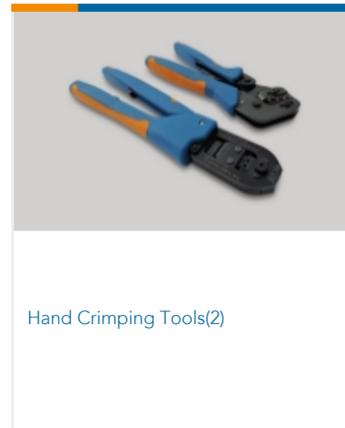
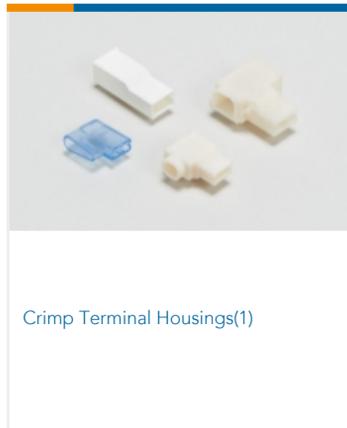
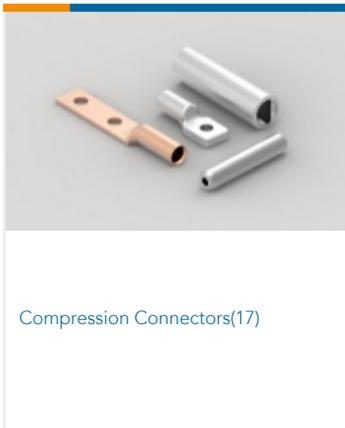
TE Part # 2063030-1  
 SDE DIESET, RBY, UL



TE Part # 47808-6  
 DIES PIDG 12-10 DIE SET



Also in the Series | PIDG



Documents



## Product Drawings

[TERMINAL,PIDG R 12-10 1/4](#)

English

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## CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_320569\\_AD.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_320569\\_AD.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_320569\\_AD.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

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

English

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## Product Specifications

[Application Specification](#)

English

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## Product Environmental Compliance

[MD\\_320569\\_05022015524\\_dmtec](#)

English

[MD\\_320569\\_05022015524\\_dmtec](#)

English

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## Agency Approvals

[UL Report](#)

English

[UL Report](#)

English

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