



**PIDG**

TE Internal #: 8-35106-2

TE Internal Description: TERMINAL,PIDG R 16-14HD 8

PIDG RING TONGUE TERMINALS

[View on TE.com >](#)

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



Wire Size: 2050 – 5180 CMA

Stud Size: #8, M4

Stud Diameter: 4.34 mm [ .171 in ]

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

**Features**

**Product Type Features**

Shape Description	RING-041
Stud Size	#8, M4
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**

Inspection Slot	No
Weight per Piece	4.504 g
Stripe Color	Black

**Contact Features**

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

**Mechanical Attachment**

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Wire Insulation Support	With
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### Dimensions

Wire Size	2050 – 5180 CMA
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Stud Diameter	4.34 mm[.171 in]
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Tongue Thickness	1.27 mm[.05 in]
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Overall Product Length	26.57 mm[1.05 in]
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Barrel Inside Diameter	6.43 – 6.68 mm[.253 – .263 in]
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### Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C
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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	Yes
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	50
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Packaging Method	Loose Piece
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### Other

Comment	Heavy Duty for extra mechanical strength
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## Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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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	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2017 (173) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in
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other sources.

Solder Process Capability

Not applicable for solder process capability

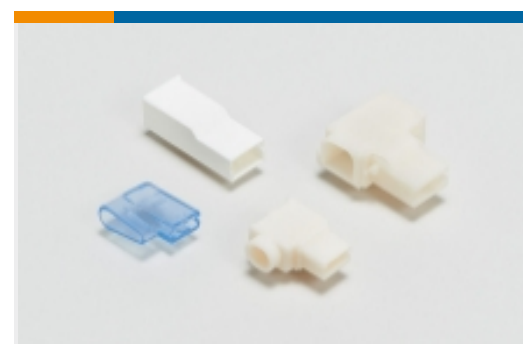
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



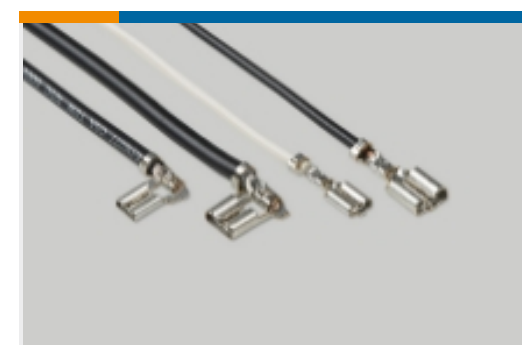
Hand Crimping Tools(2)



Knife Disconnects(11)



PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)



## Documents

### Product Drawings

[TERMINAL,PIDG R 16-14HD 8](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-35106-2\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-35106-2\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-35106-2\\_N.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

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

English

[LARGE EXPANSION PRODUCTS \(FOR WIRE INSTULATION WITH 1/16" AND 5/64" WA](#)

English