

8-31887-1 ✓ ACTIVE



PIDG

TE Internal #: 8-31887-1

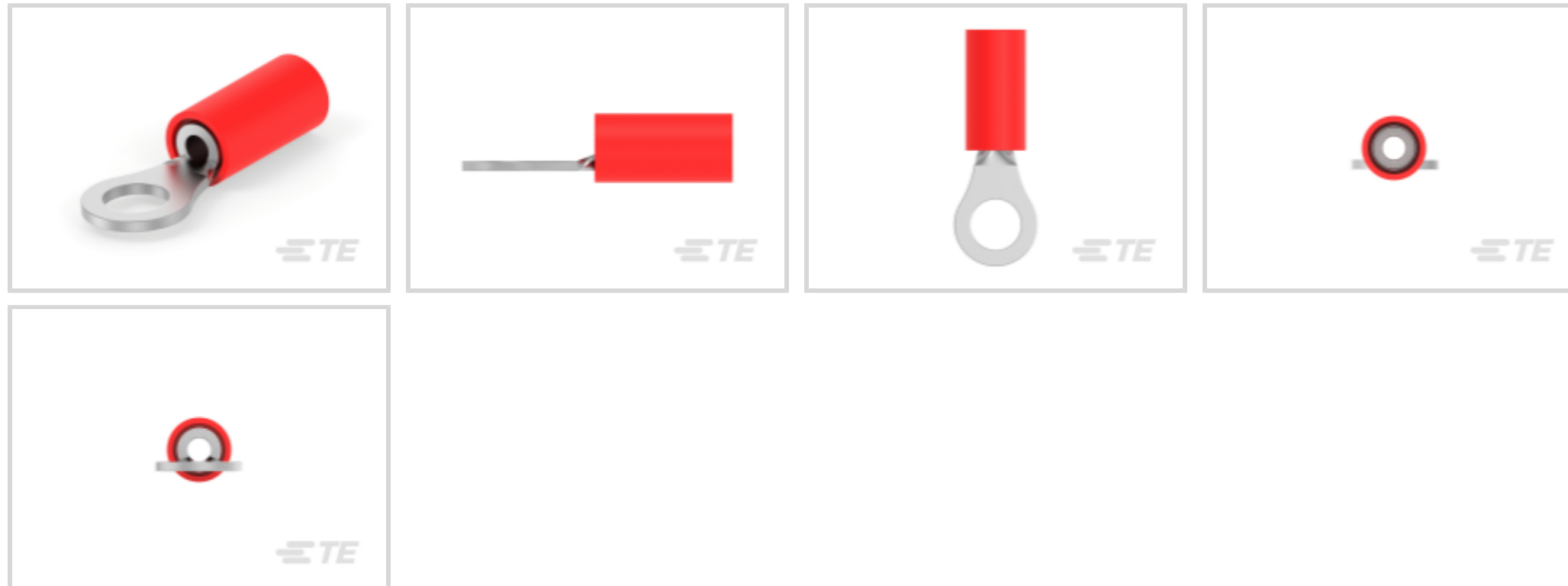
Closed Ring Tongue Terminal, 22 AWG, #10 Stud, 5 mm [.197 in]

Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially

Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: .3 – 1.42 mm²

Stud Size: #10

Stud Diameter: 5 mm [.197 in]

[All PIDG Ring Tongue Terminals \(410\)](#)

Features

Configuration Features

Number of Holes	1
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Body Features

Product Weight	.658 g
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Mechanical Attachment

Wire Insulation Support	With
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Electrical Characteristics

Voltage Rating	300 V
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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	100
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Packaging Method	Loose Piece
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Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Dimensions

Wire Size	.3 – 1.42 mm ²
Stud Diameter	5 mm [.197 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	20.24 mm [.797 in]
Compatible Insulation Diameter (Max)	3.56 mm [.14 in]
Compatible Insulation Diameter Range	2.67 – 3.56 mm [.105 – .14 in]

Usage Conditions

Insulation Option	Partially Insulated
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Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241)



Candidate List Declared Against: JUNE 2024 (241)
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



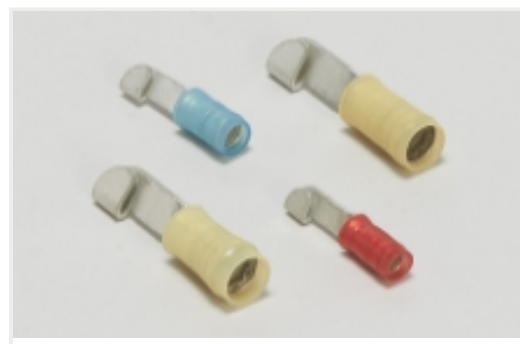
Also in the Series | **PIDG**



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



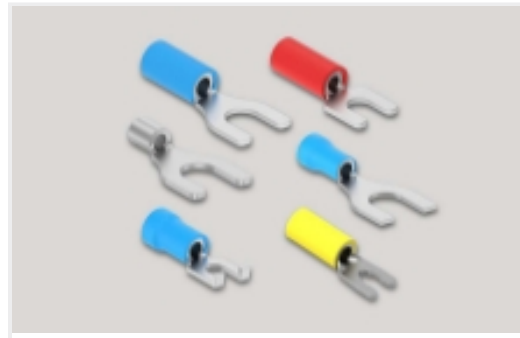
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)

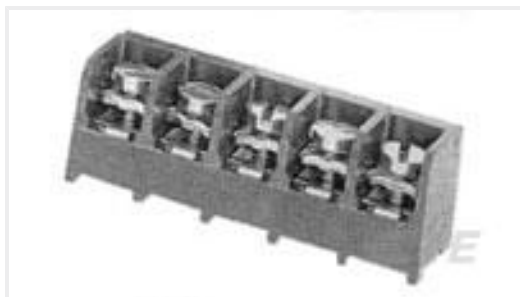


Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #1437652-5
6PCR-09-006=#6 TRIBARRIER



TE Part #4-1393104-7
KRPA-11DG-6=KRPA



TE Part #RXM-315-LR
Module LR 315MHz AM OOK RX RCVR



TE Part #4-1393104-5
KRPA-11DG-24=KRPA



TE Part #87224-1
01 MODII HDR SRST UNSHRD .100



TE Part #1-1721150-3
ORWH-SH-112D1F,000



TE Part #1623930-1
CFR25 5% 100K



TE Part #0600-00029
ANT,900MHZ,2.5DBI



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



TE Part #TRM-315-LT
Module LT 315MHz AM OOK XCVR

Documents



Product Drawings

[PIDG R 22-16 COMM 22-18 MIL 10](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-31887-1_AA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-31887-1_AA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-31887-1_AA.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-31887-1_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_8-31887-1_Z.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-31887-1_Z.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Instruction Sheets

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

English