

PIDG

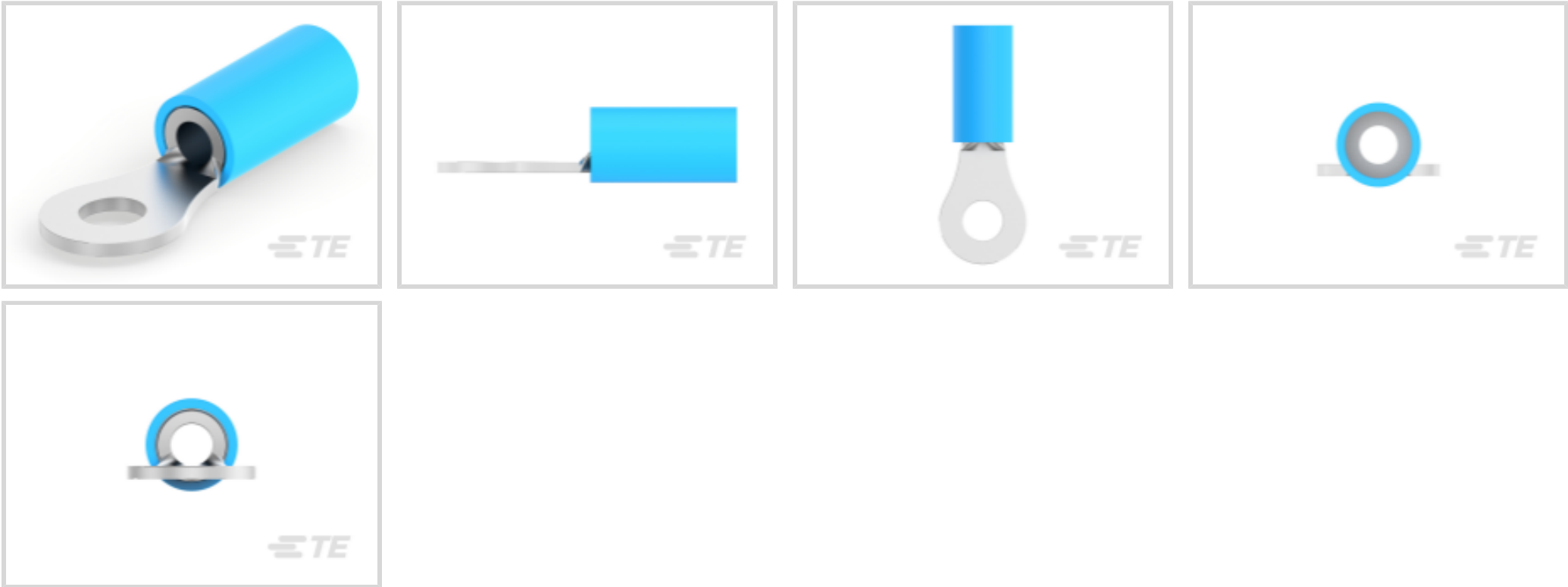
TE Internal #: 6-51864-1

Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2800 CMA

Stud Size: #6, M3.5

Stud Diameter: 3.68 mm [.145 in]

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

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Restriction

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Product Weight	1.039 g
Insulation Sleeve Color	Blue
Stripe Color	Blue

Contact Features



Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	2800 CMA
Stud Diameter	3.68 mm[.145 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	23 mm[.906 in]
Compatible Insulation Diameter (Max)	3.3 mm[.13 in]
Compatible Insulation Diameter Range	1.6 – 3.3 mm[.063 – .13 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

Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	100
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: JAN 2025 (247) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC

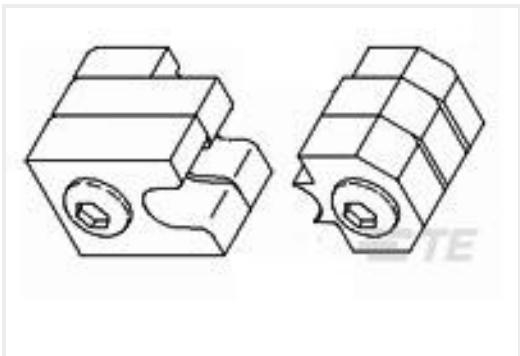


Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability


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 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 # 47807-1  
DIES PIDG 16-14 DIE SET




TE Part # 47806-2  
DIES PIDG 22-16 DIE SET




TE Part # 58423-1  
DIE, RBY IS9252




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




TE Part # 59170  
T-HEAD PIDG SH 26-14 ASSY




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




TE Part # 47387  
DAHT PG PIDG 20-14 ASSY



TE Part # 55823-1  
RBY PRO CRIMPER KIT



TE Part # 169404  
CERTI-LOK DIE

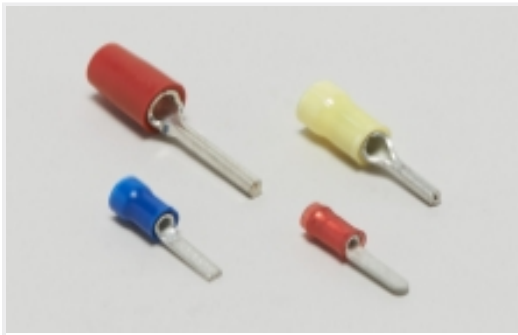


TE Part # 2063030-1  
SDE DIESET, RBY, UL

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



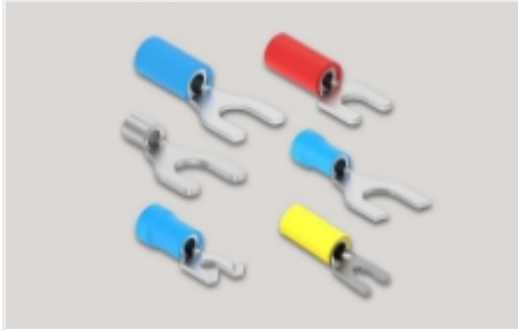
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #205204-9  
CRIMP SNAP PLUG ASSY,SIZE 1



TE Part #211401-1  
RECEPT,SZ 13-7,CPC



TE Part #1-66504-0  
SOCKET CONTACT, 20 DF



TE Part #205206-9  
CRIMP SNAP PLUG ASSY,SIZE 2



TE Part #5-747917-2  
37 Rcpt Solder Cup, Gold Flash

Documents

Product Drawings  
TERMINAL,PIDG R IR 16 6

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_6-51864-1\_AF.2d\_dxf.zip

6-51864-1

Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG



English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-51864-1\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-51864-1\\_AF.3d\\_stp.zip](#)

English

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Agency Approvals

[CSA Certificate](#)

English