

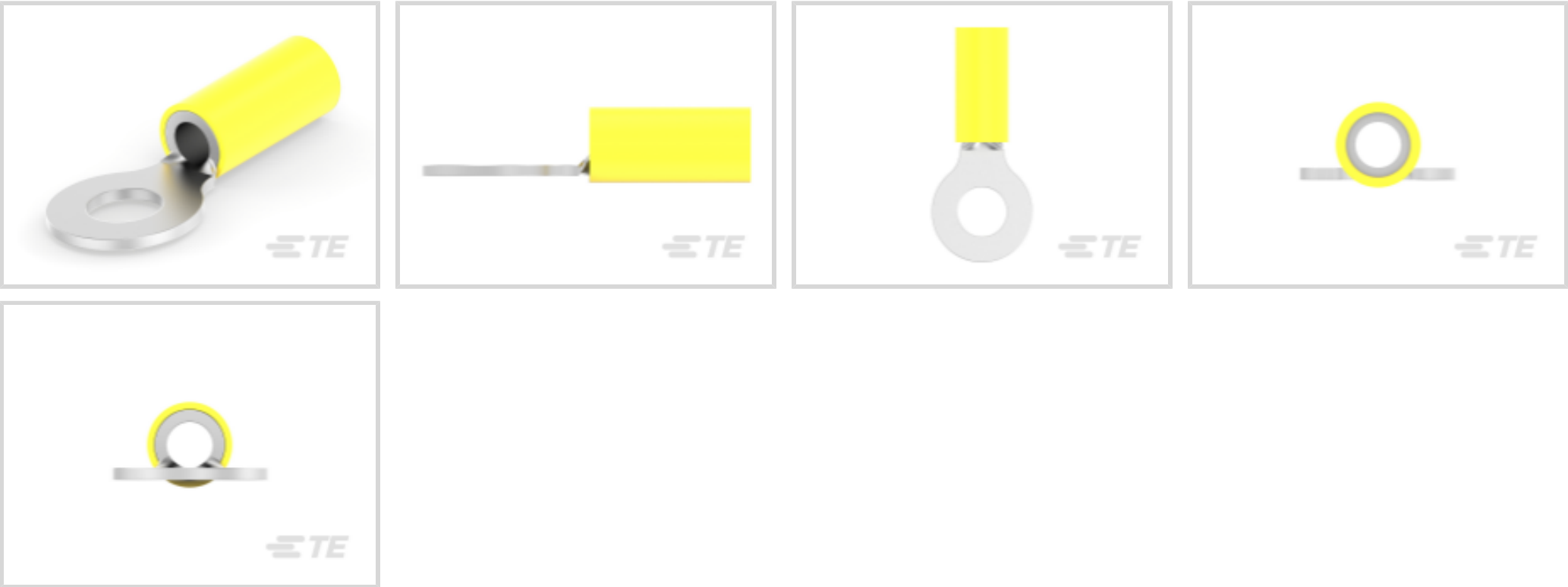


PIDG

TE Internal #: 165028  
Closed Ring Tongue Terminal, 12 – 10 AWG, M6 Stud, 6.3 mm [.248 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 – 13100 CMA

Stud Size: M6

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	M6
Sealable	No

Wire Insulation Support Retention Type	Insulation Support
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Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Product Weight	2.551 g
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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	5180 – 13100 CMA
Stud Diameter	6.3 mm[.248 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	30 mm[1.179 in]
Compatible Insulation Diameter (Max)	6.4 mm[.252 in]
Compatible Insulation Diameter Range	3.8 – 6.4 mm[.149 – .252 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	500
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 2025 (247) 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 # 58423-1  
DIE, RBY IS9252

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

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

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

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

TE Part # 169404  
CERTI-LOK DIE

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

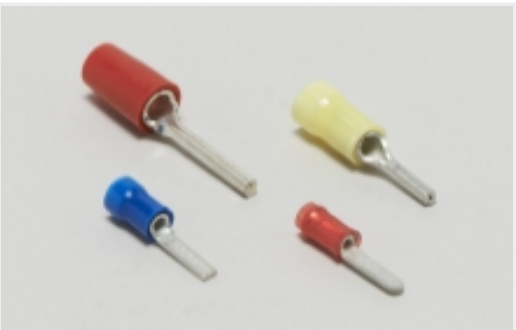
TE Part # 169400  
CERTI-LOK FRAME W/O DIES

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

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



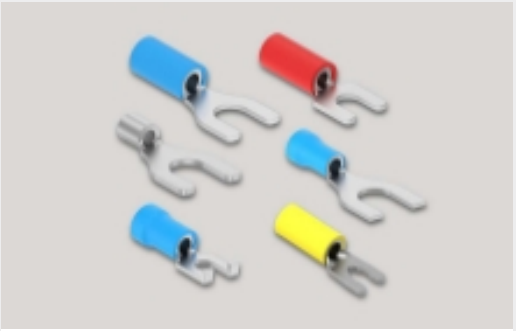
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #2-1616921-3  
K400B1F=CONTACTOR-SPST NO



TE Part #710026-5  
XCT 25-8



TE Part #1-2201855-1  
MINI I/O PLUG KIT TYPE II L



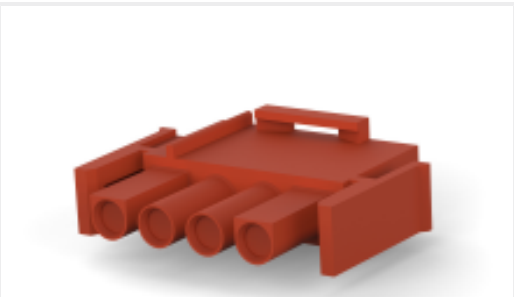
TE Part #CAT-P592-R472A  
PIDG Ring Tongue Terminals



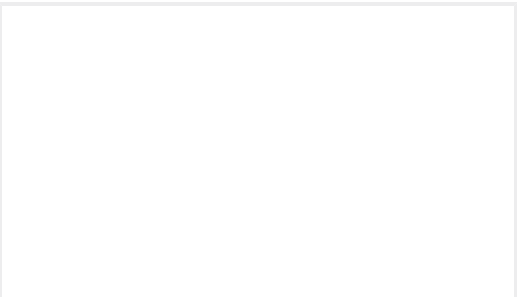
TE Part #206038-2  
CPC RECPT ASSEMBLY SIZE 17-28



TE Part #5-160446-2  
FF 250 REC 1.0-2.5MM2 TPPB



TE Part #1-350779-1  
04P UMNL V0 PLUG HSG BROWN



TE Part #GA100K6MBD425  
MBD9-MBD



TE Part #1-1105101-1  
HE/HA-C-BU.AG.0,5

Documents



Product Drawings

PIDG RING 12-10 6MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_165028\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_165028\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_165028\_F.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_165028\_A3.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_165028\_A3.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_165028\_A3.2d\_dxf.zip

English

3D PDF

English

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