52077-2 ✔ ACTIVE

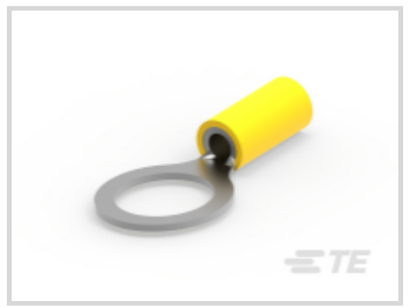
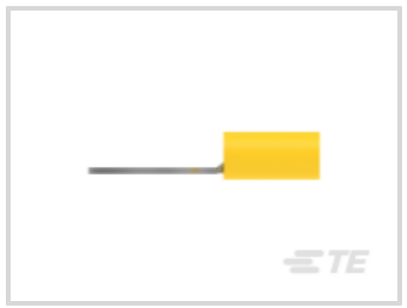
PIDG

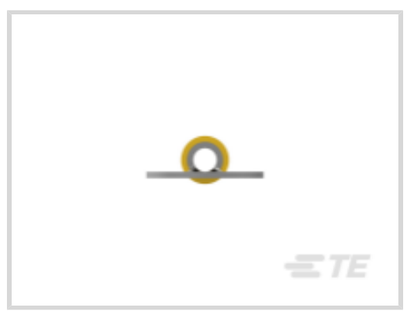
TE Internal #: 52077-2

Closed Ring Tongue Terminal, 10 AWG, 1/2 / M12 Stud, 13.08 mm [.515 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: **12066 CMA**

Stud Size: **1/2, M12**

All PIDG Ring Tongue Terminals (410)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	1/2, M12
Sealable	No
Wire Insulation Support Retention Type	Insulation Restriction

Configuration Features

Number of Holes	1

Electrical Characteristics

Voltage Rating	300 V

Body Features

Insulation Sleeve Color	Yellow
Stripe Color	Brown

Contact Features

Barrel Type	Closed

Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	12066 CMA
Stud Diameter	13.08 mm[.515 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	37.85 mm[1.49 in]
Compatible Insulation Diameter (Max)	5.08 mm[.2 in]
Compatible Insulation Diameter Range	3.02 – 5.08 mm[.119 – .2 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 105 °C[0 – 221 °F]

Operation/Application

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

Industry Standards

Government Qualified Terminal	No

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: JUNE 2025 (250) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

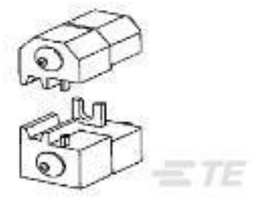
Compatible Parts



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



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



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



TE Part # 58423-1
DIE, RBY IS9252



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



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



TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



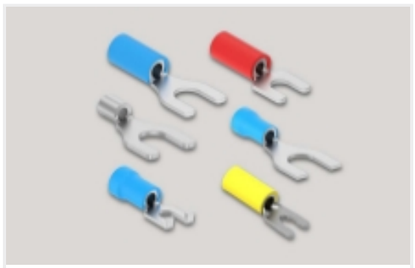
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



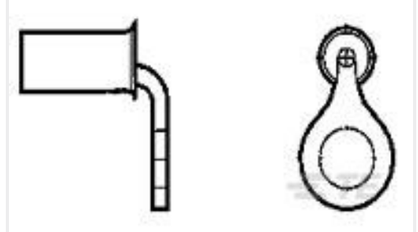
TE Part #DT06-12SD
PLG, 12P, BRN, N, D



TE Part #31112
BUDGET RING 12-10 6



TE Part #40593
RING 18-14 6 .020 TPBR



TE Part #321867-1
TERM,SOLIS R 1/0 5/16 90DEG



TE Part #640716-1
09P UMNL STR/REL & INSRT



TE Part #1825620-1
KR104=Adapter1/4TO1/8

TE Part #K1149256-1
Plunger Switch 44-01-049 C4314



TE Part #1670813-2
EMC, CRIMP SLEEVE, IPT 70 - 12



TE Part #1670814-1
EMC, CRIMP CONTACT, IPT 70 - 1



TE Part #1670821-2
PROTECTION CAP,IPT 70 - 120MM?

Documents

Product Drawings

TERMINAL,PIDG R IR 10 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52077-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_52077-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52077-2_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English