53429-1 DO NOT USE FOR NEW DESIGN

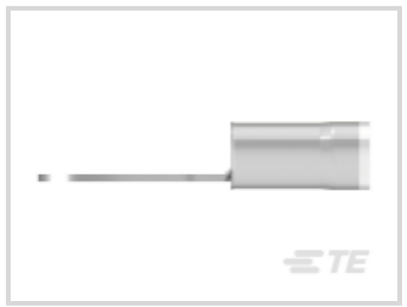
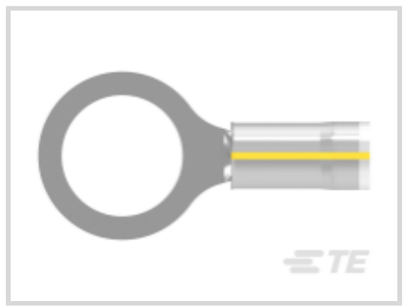
PIDG

TE Internal #: 53429-1

Closed Ring Tongue Terminal, 12 – 10 AWG, 1/2 / M12 Stud, 13 mm [.512 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead Plating, PIDG

View on TE.com >

Terminals & Splices > Ring Terminals > PIDG Radiation Resistant C Rings/Spades



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **5180 – 13100 CMA**

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

All PIDG Radiation Resistant C Rings/Spades (36)

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 Support

Configuration Features

Number of Holes	1

Body Features

Insulation Sleeve Color	Natural
Stripe Color	Yellow

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin-Lead

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	13 mm[.512 in]
Tongue Thickness	1.04 mm[.041 in]
Product Length	35.91 mm[1.414 in]
Compatible Insulation Diameter (Max)	5.84 mm[.23 in]
Compatible Insulation Diameter Range	3.81 – 5.84 mm[.15 – .23 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 150 °C[0 – 302 °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	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 2063030-1
SDE DIESET, RBY, UL



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



TE Part # 169404
CERTI-LOK DIE



TE Part # 2217330-1
KIT, BTLI, 4 TON, NA



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



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



TE Part # 132246-3
TERMINAL RING TONGUE PIDG 22 18



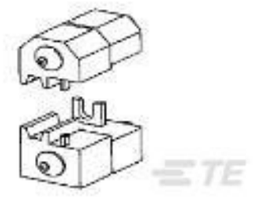
TE Part # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 58423-1
DIE, RBY IS9252



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

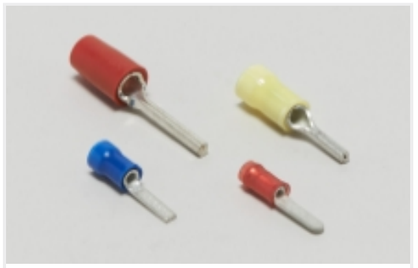


TE Part # 47808-6
DIES PIDG 12-10 DIE SET

Also in the Series | PIDG



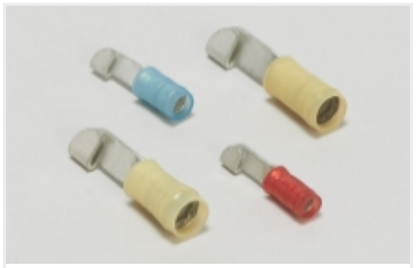
Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



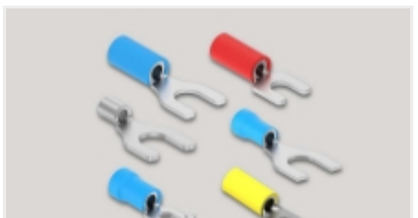
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(587)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

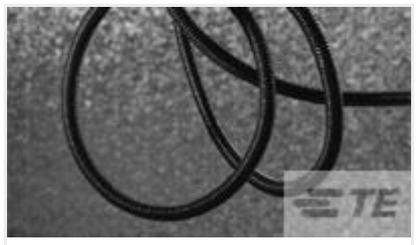
Customers Also Bought



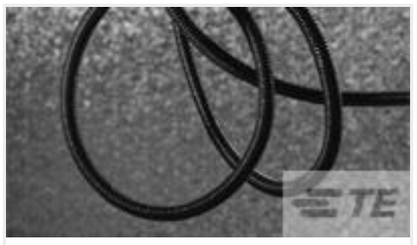
TE Part #D369-R66-AS0
369 6 WAY REC, NO CONTACTS, SKT



TE Part #1841-1-5620
CONT PIN



TE Part #0638514002
HCTE-0312-0-SP



TE Part #8918194004
HCTE-0750-0-SP



TE Part #52041
TERMINAL,R PG 8 8



TE Part #350547-2
UMNL PIN 20-14 AUBR L/P



TE Part #608036-1
SILICONE FUSION TAPE,1"X36'



TE Part #608036-4
SILICONE FUSION TAPE, 1"X36'



TE Part #1658682-1
HDP-22,RCPT,SIZE 2,26 POSN



TE Part #CTL-16-513
JUNCTION ASSY

Documents

Product Drawings

TERMINAL,PIDG PVF2 R 12-10 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_53429-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_53429-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_53429-1_F.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