53421-1 ✔ ACTIVE

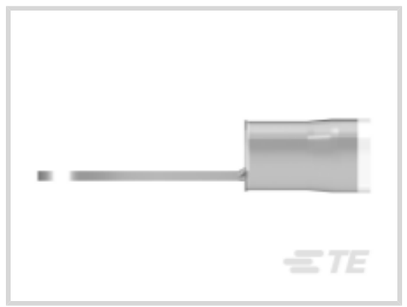
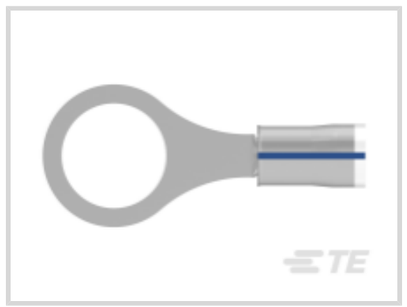
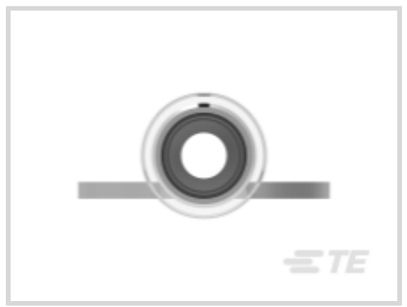
PIDG

TE Internal #: 53421-1

Closed Ring Tongue Terminal, 16 AWG, 3/8 Stud Size, 9.91 mm [.39 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead, Partially Insulated, 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: **2050 – 5180 CMA**

Stud Size: **3/8**

All PIDG Radiation Resistant C Rings/Spades (36)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	3/8
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	9.91 mm[.39 in]
Tongue Thickness	.84 mm[.033 in]
Product Length	30.94 mm[1.218 in]
Compatible Insulation Diameter (Max)	3.81 mm[.15 in]
Compatible Insulation Diameter Range	2.67 – 3.81 mm[.105 – .15 in]

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight

Terminal Plating Material	Tin-Lead
Military Part Class	Class I

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	150 °C[302 °F]

Operation/Application

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

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	1000

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Configuration Features

Number of Holes	1

Body Features

Insulation Sleeve Color	Natural
Stripe Color	Blue

Mechanical Attachment

Wire Insulation Support	With

Industry Standards

Government Qualified Terminal	Yes

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	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)

	SVHC > Threshold: Pb (13% in Component Part) **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 # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 47387-7
DAHT PG PIDG 16-12 ASSY



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



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



TE Part # 47387
DAHT PG PIDG 20-14 ASSY



TE Part # 525691
DAHT PG PIDG 16-14 ASSY



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



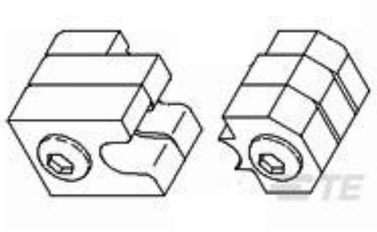
TE Part # 58423-1
DIE, RBY IS9252



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



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



TE Part # 47807-1
DIES PIDG 16-14 DIE SET



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

TE Part # 2392022-2
BLUE BATTERY DAHT KIT 220V (47387-7)

TE Part # 2392022-1
BLUE BATTERY DAHT KIT 110V (47387-7)

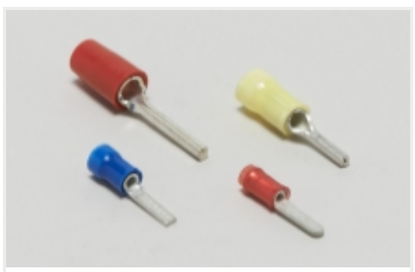


TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



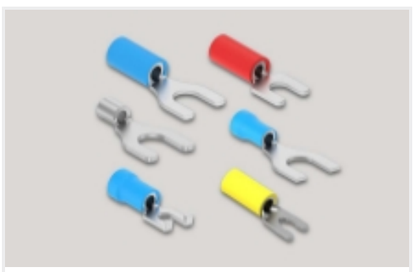
Knife Disconnects(11)



Quick Disconnects(32)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(39)

Customers Also Bought



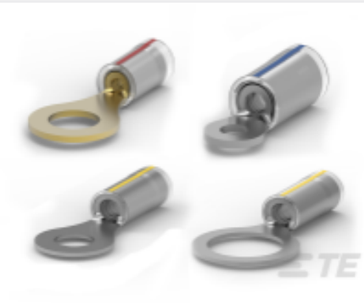
TE Part #55821-1
BODY BRAZED RING 1/0 1/4



TE Part #YDTS24W11-35PNV001
RECP ASSY



TE Part #320577
PIDG Ring Tongue Terminals



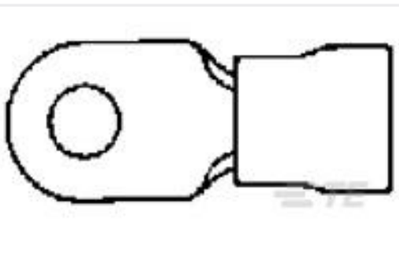
TE Part #53418-1
PIDG Radiation Resistant C Rings /Spades



TE Part #53549-1
SPLICE BUTT PVF2 PIDG 16-14



TE Part #52045-5
TERMINAL R PG 1/0 3/8



TE Part #53950-1
TERMINAL,R PVF2 PG 4 3/8

Documents

Product Drawings

TERMINAL,PIDG PVF2 R 16-14 3/8

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_53421-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_53421-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_53421-1_G.3d_stp.zip

English

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