53942-1 ✔ ACTIVE

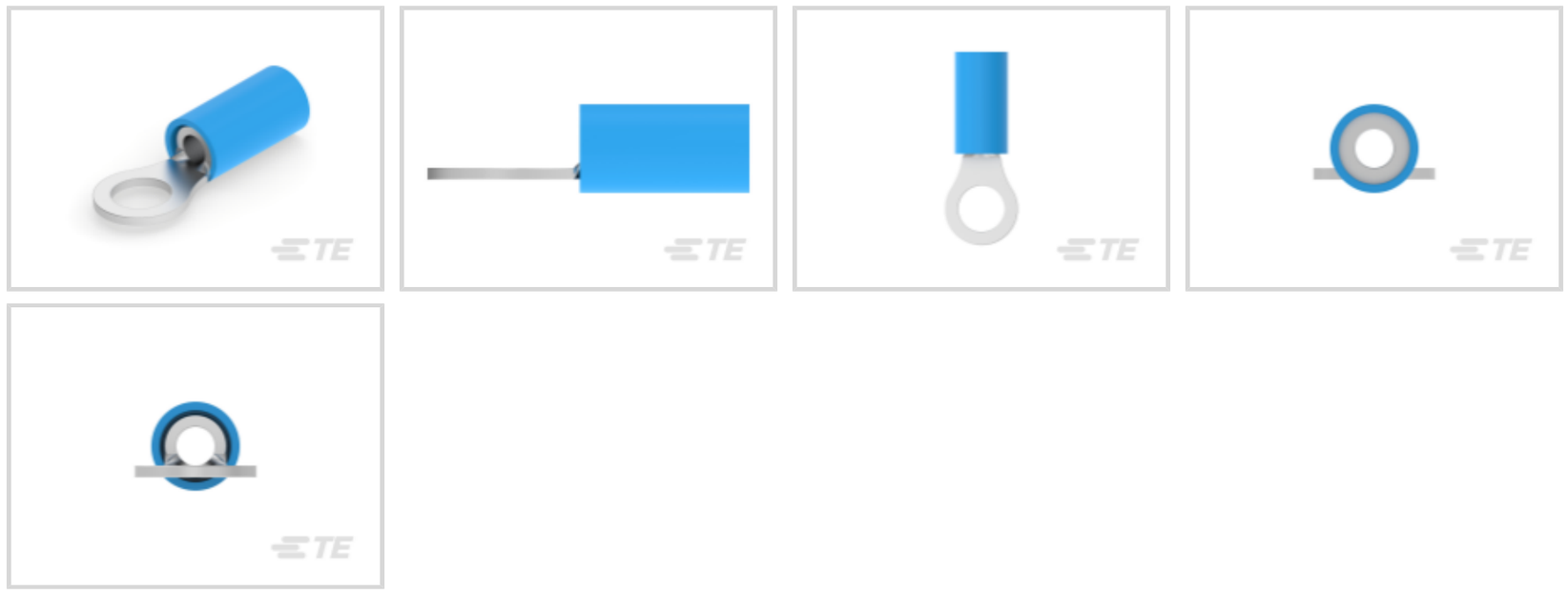
PIDG

TE Internal #: 53942-1

Closed Ring Tongue Terminal, 16 AWG, #10 Stud, 5 mm [.197 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: **2050 – 5180 CMA**

Stud Size: **#10**

All PIDG Ring Tongue Terminals (410)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1

Electrical Characteristics

Voltage Rating	300 V

Body Features

Insulation Sleeve Color	Natural

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight

Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.78 mm[.031 in]
Product Length	20.65 mm[.813 in]
Compatible Insulation Diameter (Max)	4.32 mm[.17 in]
Compatible Insulation Diameter Range	2.92 – 4.31 mm[.115 – .17 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	1
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: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

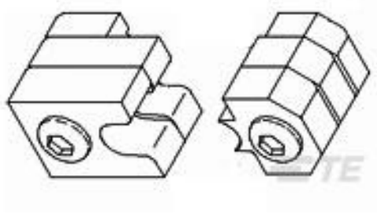
Compatible Parts



TE Part # 525691
DAHT PG PIDG 16-14 ASSY



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



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



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



TE Part # 58423-1
DIE, RBY IS9252

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



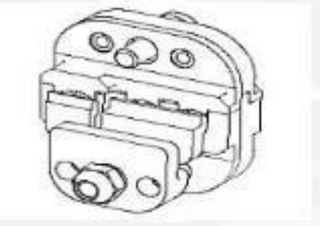
TE Part # 169400
CERTI-LOK FRAME W/O DIES



TE Part # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 47387
DAHT PG PIDG 20-14 ASSY



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

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



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



TE Part # 169404
CERTI-LOK DIE

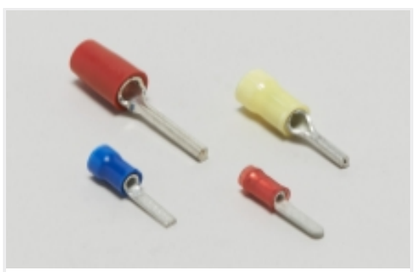


TE Part # 539691-2
ERGO DIE R.B.Y

Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



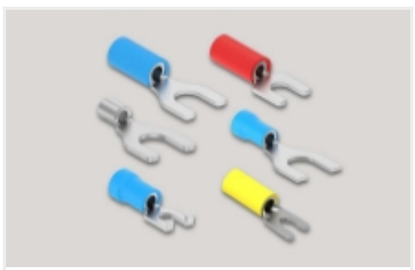
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(589)



Spade Terminals(228)

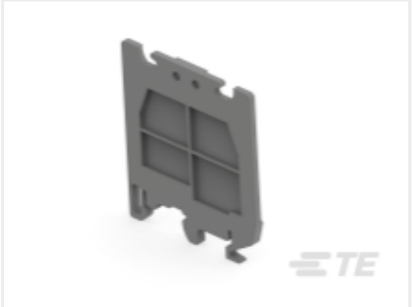


Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #1SNA114825R0500
SCFM6



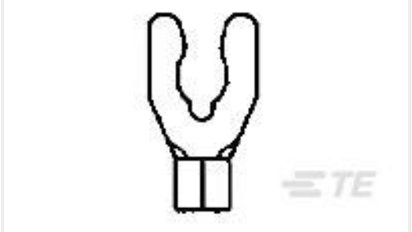
TE Part #1SNA115685R1200
M6/8.RS



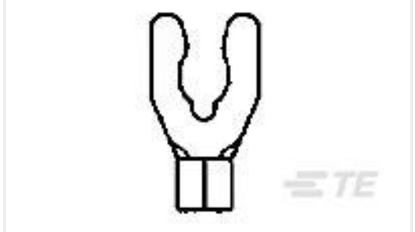
TE Part #LL01-1AB04
LL01 1/2" NPT 48" CABLE 80C



TE Part #2-35110-1
PIDG 12-10 R 1/4; TAPE



TE Part #53123-2
TERMINAL,SOLIS SPR SPD 16-14 6



TE Part #53126-2
TERMINAL,SOLIS SPR SPD 12-10 6



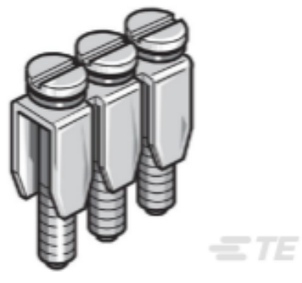
TE Part #321828
TERMINAL,SOLIS R 14-12 10



TE Part #1-321828-0
TERM,SOLIS R 14-12 10,TAPE



TE Part #747299-8
15 RCPT SP/FMS INSRT



TE Part #1SNA173611R2100
BJM10

Documents

Product Drawings

TERMINAL,PIDG R 16-14 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_53942-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_53942-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_53942-1_C.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_53942-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_53942-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_53942-1_A.2d_dxf.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English