



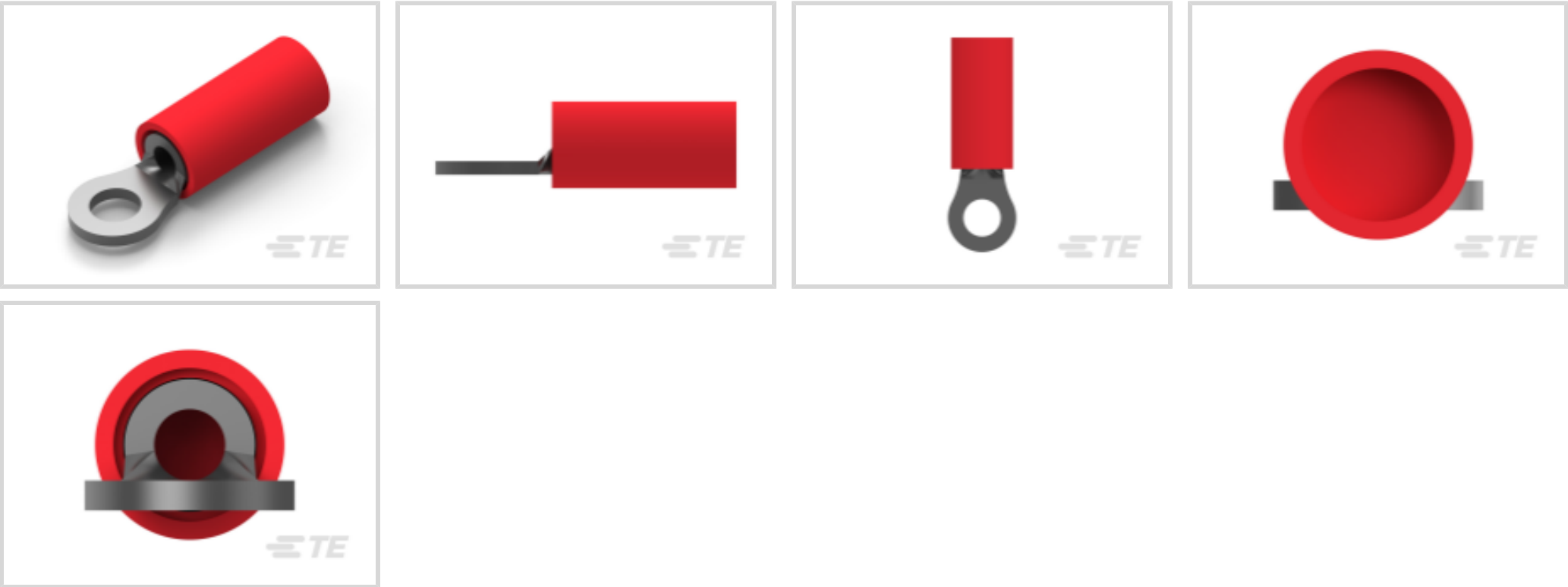
PIDG

TE Internal #: 8-31880-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #4 Stud Size, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 – 3260 CMA

Stud Size: #4

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#4
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	Red
Stripe Color	Red
Product Weight	.637 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight



Terminal Plating Material	Tin
---------------------------	-----

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.02 mm[.119 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	17.07 mm[.672 in]
Compatible Insulation Diameter (Max)	3.56 mm[.14 in]
Compatible Insulation Diameter Range	2.67 – 3.56 mm[.105 – .14 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C[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	100
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 58433-3 PRO CR ASSY, RBY IS9252	TE Part # 59250 T-HEAD PIDG 26-14 ASSY	TE Part # 58423-1 DIE, RBY IS9252	TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY
TE Part # 47386 DAHT PG PIDG 26-16 ASSY	TE Part # 539691-2 ERGO DIE R.B.Y	TE Part # 2063030-1 SDE DIESET, RBY, UL	TE Part # 47806-2 DIES PIDG 22-16 DIE SET
TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY	TE Part # 169400 CERTI-LOK FRAME W/O DIES	TE Part # 169404 CERTI-LOK DIE	TE Part # 1SET191002R0000 TET CRIMP-HT

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



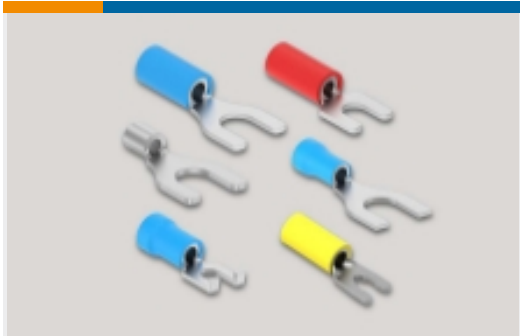
Knife Disconnects(11)



Quick Disconnects(32)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(39)

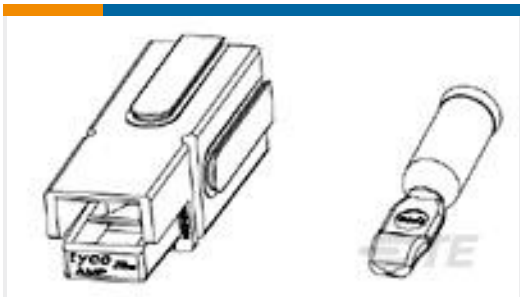
Customers Also Bought



TE Part #2-1462052-0
HF6 96=50OHM140MW 12V BIST
2COIL



TE Part #2176070-5
3521 15R 1% 2W



TE Part #1604002-4
120A SGL POLE KIT, 2 AWG GREEN



TE Part #013536-000
55A1141-22-0/2/6/9-9



TE Part #YDTS24F09-35SEV001
RECP ASSY



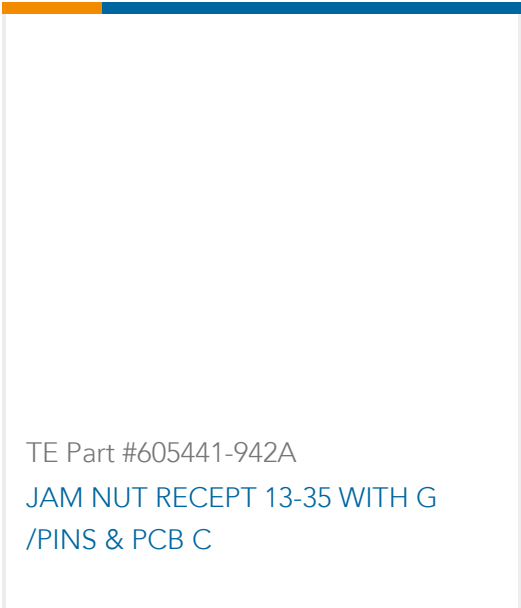
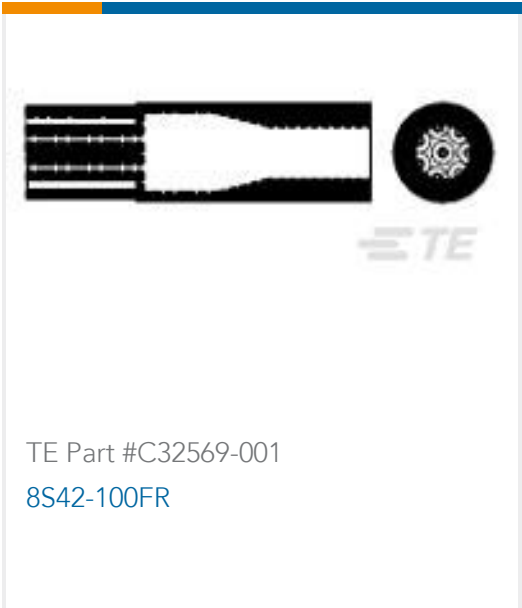
TE Part #160173-7
FF 110 REC 22-20AWG TPPB



TE Part #1757823-6
AMPLIMITE,ASY,PLUG,STD,90,ZN,6



TE Part #203225-E
MJIM IM 1X1 S 810 GF5 X R THRU * L2
M5B0



Documents

Product Drawings

PIDG R 22-16 COMM 22-18 MIL 4

English

CAD Files

Customer View Model

ENG_CVM_8-31880-1_T.3d_igs.zip

English

Customer View Model

ENG_CVM_8-31880-1_T.3d_stp.zip

English

Customer View Model

ENG_CVM_8-31880-1_T.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-31880-1_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-31880-1_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-31880-1_AA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Agency Approvals

UL Report

English