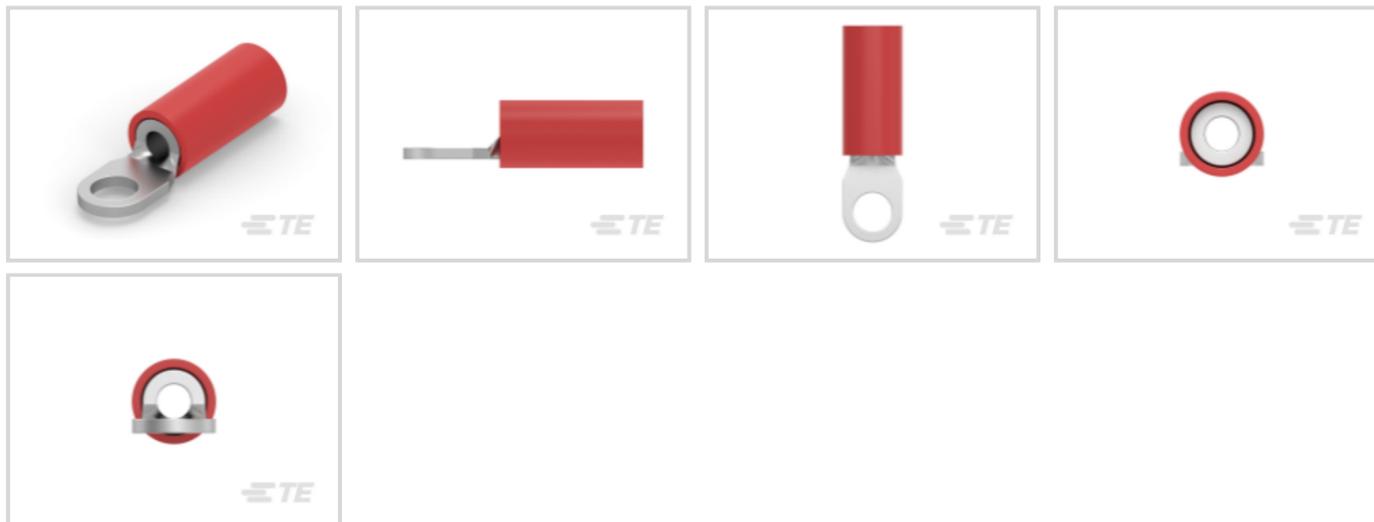# 8-320882-1 🚫 DO NOT USE FOR NEW DESIGN

PIDG

TE Internal #: 8-320882-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PIDG

View on TE.com >

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

Wire Size: **509 – 3260 CMA**

Stud Size: **#4, M2.5**

All PIDG Ring Tongue Terminals (408)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#4, M2.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1

Electrical Characteristics

Voltage Rating	300 V

Body Features

Product Weight	.66 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight

8-320882-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PIDG

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	16.99 mm[.668 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	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	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	有害物质含量符合标准要求 No 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) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per

Closed Ring Tongue Terminal, 22 – 16 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PIDG

	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 # 2063030-1
SDE DIESET, RBY, UL

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

TE Part # 169404
CERTI-LOK DIE

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

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

TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY

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

TE Part # 47806-2
DIES PIDG 22-16 DIE SET

TE Part # 47386
DAHT PG PIDG 26-16 ASSY

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

TE Part # 58423-1
DIE, RBY IS9252

Also in the Series | PIDG

8-320882-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud
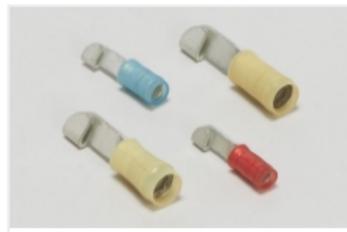Diameter, Closed Barrel, Straight, Tin Plating, PIDG

Compression Connectors(50)
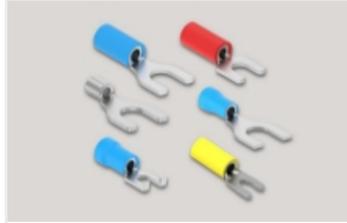
Crimp Wire Pins, Tabs & Ferrules(39)

Hand Crimping Tools(2)

Knife Disconnects(11)

Ring Terminals(587)

Spade Terminals(228)

Special Purpose Terminals(1)
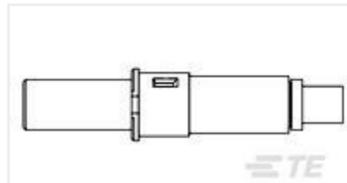
Splices(41)

Customers Also Bought

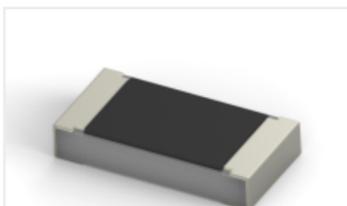TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals

TE Part #206064-2
RECEPT ASSY,44 POSN,AMPLIMITE

TE Part #207253-1
RECEPT ASSY,9 POSN,AMPLIMITE

TE Part #1445692-3
ASY,PIN,QUADRAX

TE Part #1-1614958-9
CPF 0805 1R5 0.1% 25ppm 1K RL

TE Part #8-1625984-2
HSA50 7R5 5%

TE Part #1-2176307-2
RP 1E 0.1W 16K2 0.1% 25PPM 5K RL

TE Part #1-5745967-6
25 RCPT SP/FMS SCRLK

TE Part #50832
TERMINAL,PIDG PTFE R 22-20 8

Documents

8-320882-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud
Diameter, Closed Barrel, Straight, Tin Plating, PIDG

Product Drawings

PIDG R 22-16 COMM 22-18 MIL 4

English

PIDG R 22-16 COMM 22-18 MIL 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-320882-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-320882-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-320882-1_R.3d_stp.zip

English

Customer View Model

ENG_CVM_8-320882-1_H1.3d_igs.zip

English

Customer View Model

ENG_CVM_8-320882-1_H1.3d_stp.zip

English

Customer View Model

ENG_CVM_8-320882-1_H1.2d_dxf.zip

English

3D PDF

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