

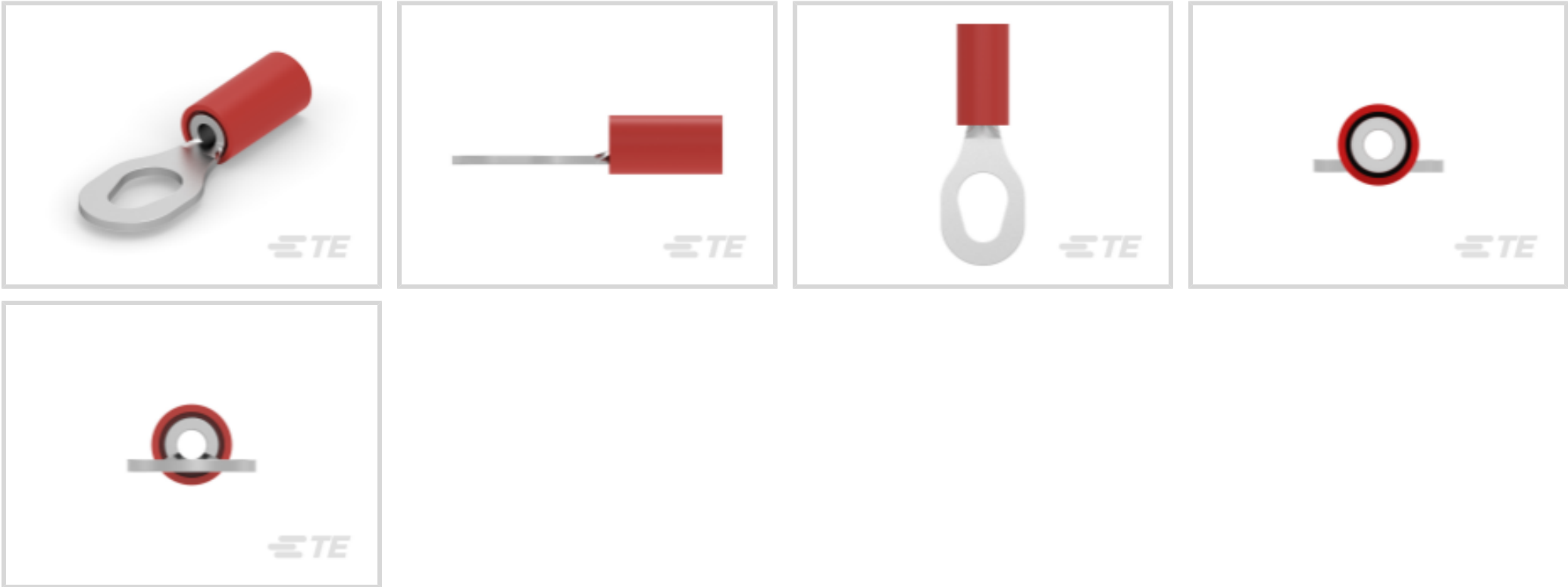


PIDG

TE Internal #: 8-54771-1
Multiple Stud Size Ring Tongue Terminal, 22 AWG, #10 / #6 / #8
Stud Size, 3.51 mm / 4.17 mm / 4.83 mm [.191 in] Stud Diameter,
Closed Barrel, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: **Multiple Stud Size Ring Tongue Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#6, #8, #10**

[All PIDG Ring Tongue Terminals \(410\)](#)

Features

Product Type Features

Ring Terminal Product Type	Multiple Stud Size Ring Tongue Terminal
Stud Size	#6, #8, #10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.51 mm, 4.83 mm, 4.17 mm[.191 in]
Tongue Thickness	.78 mm[.031 in]
Product Length	24.31 mm[.957 in]
Compatible Insulation Diameter (Max)	3.18 mm[.125 in]
Compatible Insulation Diameter Range	2.03 – 3.18 mm[.08 – .125 in]

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight



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

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

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	100

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Voltage Rating	300 V
----------------	-------

Body Features

Insulation Sleeve Color	Red
Stripe Color	Red

Mechanical Attachment

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

Industry Standards

Government Qualified Terminal	No
-------------------------------	----

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 # 47386
DAHT PG PIDG 26-16 ASSY

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

TE Part # 58423-1
DIE, RBY IS9252

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 #109028-31
CONT PIN



TE Part #205555-3
AMPLIMITE,ASY,RCPT,STD,109,1,K



TE Part #5228979-7
JACK,COML,SERIES BNC,GOLD PL



TE Part #L9000001-01
SMA Jack to SMA Jack Bulkhead



TE Part #2-320568-1
TERMINAL,PIDG R 12-10 8



TE Part #ZPF000000000202709
DMC-MR 30-23 SN



TE Part #1757827-4
AMPLIMITE,PLUG ASY,POSTD,109,ZN, 4



TE Part #205563-3
AMPLIMITE,ASY,RCPT,STD,109,5,KIT



TE Part #6-2407269-2
CAP, CPC, SIZE 23 RECP, BLACK

Documents

Product Drawings

PIDG R 22-16COM22-18MIL 6-8-10

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_8-54771-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_8-54771-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_8-54771-1_B.3d_stp.zip](#)

English

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English