

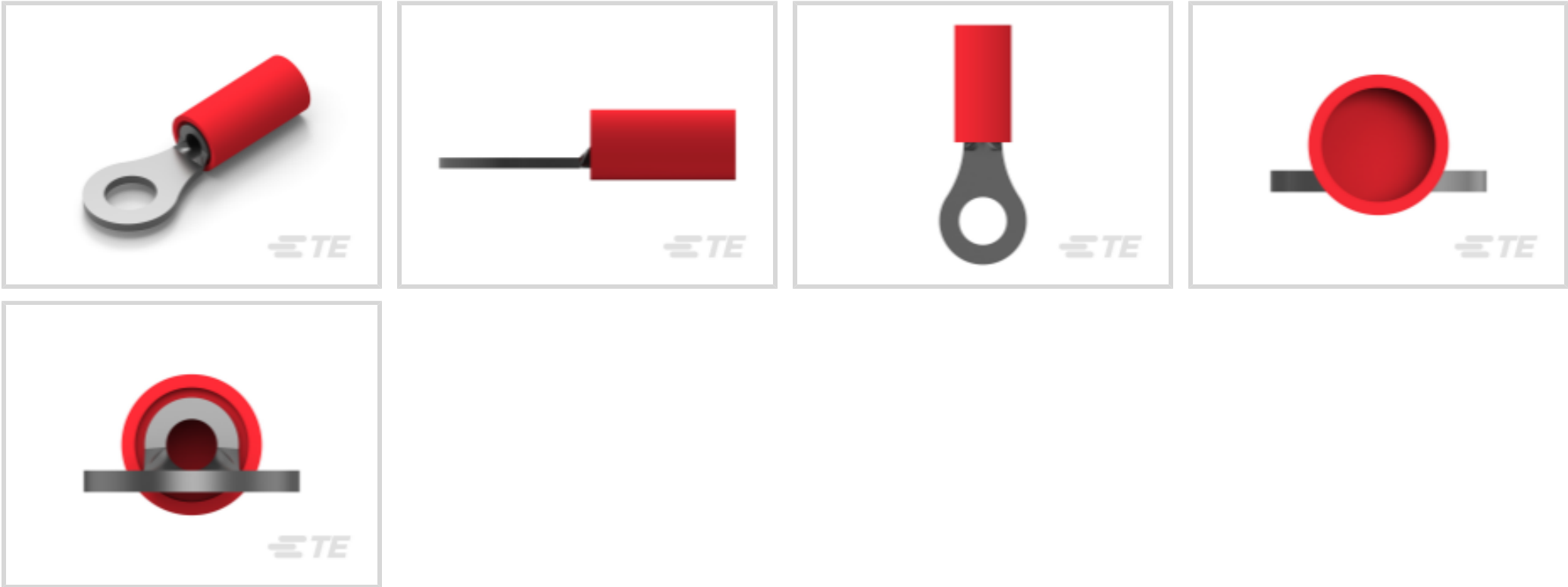


PIDG

TE Internal #: 8-31890-1
Closed Ring Tongue Terminal, 22 AWG, #8 / M4 Stud, 4.17 mm [.164 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: 509 – 3260 CMA

Stud Size: #8, M4

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

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Product Weight	.839 g
Insulation Sleeve Color	Red
Stripe Color	Red

Contact Features

Barrel Type	Closed
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Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.84 mm[.033 in]
Product Length	21.44 mm[.844 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
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Packaging Features

Packaging Quantity	50
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>

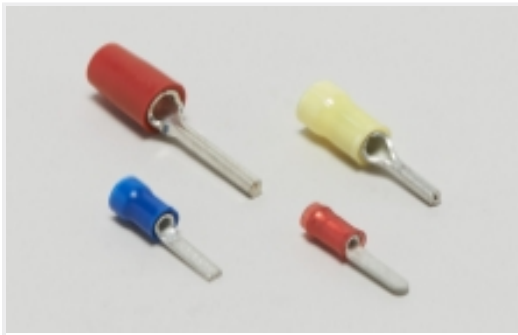
Compatible Parts

TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY	TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	TE Part # 169400 CERTI-LOK FRAME W/O DIES	TE Part # 59250 T-HEAD PIDG 26-14 ASSY
TE Part # 58423-1 DIE, RBY IS9252	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 # 539691-2 ERGO DIE R.B.Y	TE Part # 169404 CERTI-LOK DIE	TE Part # 2063030-1 SDE DIESET, RBY, UL	

Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



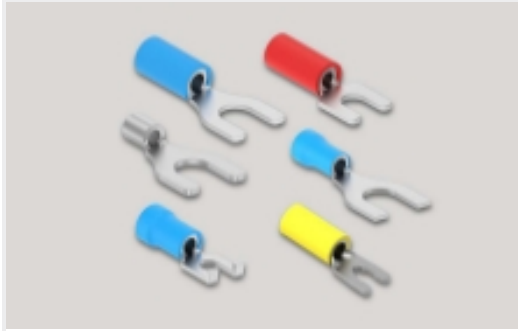
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #464242-E
SRCP 1,27 12 F 1 IDC22 137 E1 162 1,27 T



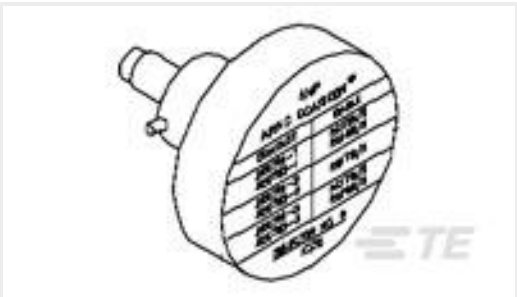
TE Part #800322-SF
FN1394-6-05-11



TE Part #YD369-P66-NP300000
369 6 WAY PLUG, 20/22 CONTACTS, PIN



TE Part #35605
TERMINAL,PIDG R 12-10 8



TE Part #1-601966-4
POSITIONIER FOR 601966-1



TE Part #2-1123309-2
DYNAMIC D-5 HDR H ASSY 4P YY



TE Part #1623746-3
ER74 10R 5% AMMO PK

TE Part #1SNS420001Z1863
ENT11913-A (202310 VERSION HD)

TE Part #726169-000
D-SCE-2.5K-4.8-50-S1-9



TE Part #7-1546158-8
6PCV-20-1361=6 SERIES SPECIAL

Documents



Product Drawings

PIDG R 22-16 COMM 22-18 MIL 8

English

CAD Files

Customer View Model

ENG_CVM_CVM_8-31890-1_AF.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-31890-1_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-31890-1_AF.3d_stp.zip

English

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Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English