

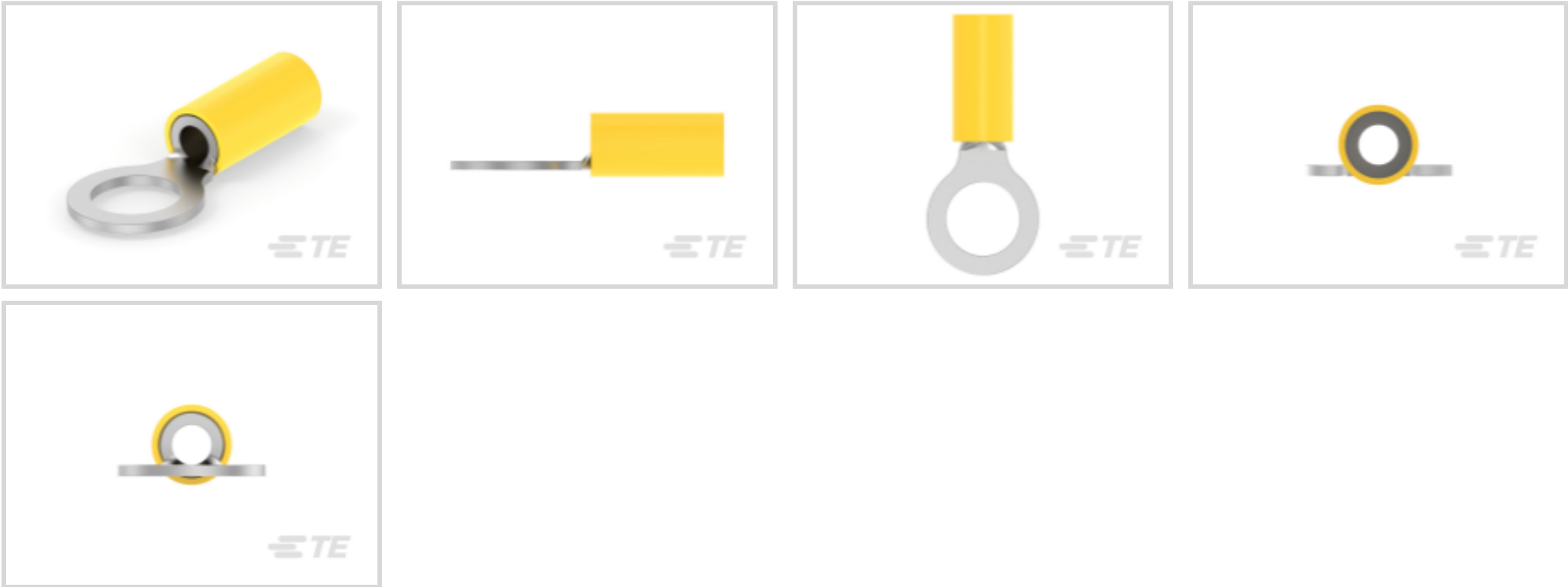


PIDG

TE Internal #: 160298
Closed Ring Tongue Terminal, 12 - 10 AWG, 5/16 / M8 Stud Size,
8.3 mm [.327 in] Stud Diameter, Closed Barrel, Straight, Tin,
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: 5180 - 13100 CMA

Stud Size: 5/16, M8

[All PIDG Ring Tongue Terminals \(411\)](#)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	5/16, M8
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
-----------------	---

Body Features

Insulation Sleeve Color	Yellow
Stripe Color	Yellow
Product Weight	2.571 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin



Mechanical Attachment

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

Dimensions

Wire Size	5180 - 13100 CMA
Stud Diameter	8.3 mm[.327 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	30.2 mm[1.19 in]
Compatible Insulation Diameter (Max)	6.35 mm[.25 in]
Compatible Insulation Diameter Range	3.81 - 6.35 mm[.15 - .25 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	170 °C[338 °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	500
Packaging Method	Box

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	TE Part # 58433-3 PRO CR ASSY, RBY IS9252	TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY	TE Part # 58423-1 DIE, RBY IS9252
TE Part # 679300-1 1210 PIDG CRIMP HEAD	TE Part # 539691-2 ERGO DIE R.B.Y	TE Part # 2063030-1 SDE DIESET, RBY, UL	TE Part # 2217330-2 KIT, BTLI, 4 TON, EU
TE Part # 47808-6 DIES PIDG 12-10 DIE SET	TE Part # 8-1377173-0 SMP 0-0160298-0	TE Part # 169400 CERTI-LOK FRAME W/O DIES	TE Part # 1-59239-4 HHHT PIDG 16-10 HEAD





TE Part # 169404
CERTI-LOK DIE

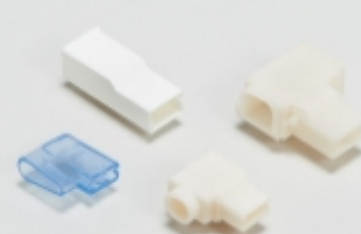


TE Part # 1SET191002R0000
TET CRIMP-HT

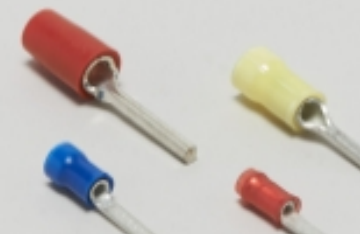
Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



Knife Disconnects(11)



PCB Terminals(5)



Quick Disconnects(47)



Ring Terminals(589)



Spade Terminals(230)



Special Purpose Terminals(1)



Splices(43)

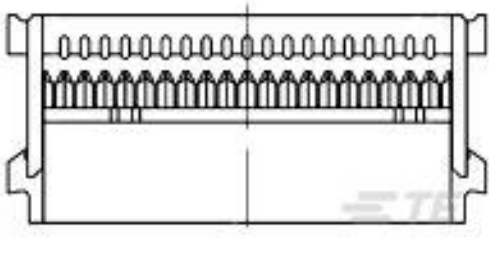
Customers Also Bought



TE Part # 130171
TERMINAL, PIDG, RT, 12-10 AWG, M5



TE Part # 165034
PIDG RING 12-10 1/4



TE Part # 1658526-1
609-0630LF FEM SOCKT, LEAD FREE



TE Part # 165028
PIDG RING 12-10 6MM



TE Part # 2-1625867-1
RP 1J 0.166W 10R 0.1% 25PPM 1K RL

TE Part # 2-1625867-0
RP73 1J 0.166W 30R1 0.1% 25PPM 1K RL

TE Part # 2176087-5
RP 1J 0.166W 75R 0.1% 25PPM 1K RL

TE Part # 1-2176087-3
RP 1J 0.166W 90R9 0.1% 25PPM 1K RL

TE Part # 601305-000
RVS-13-155-SLV

Documents

Product Drawings
PIDG RING 12-10 5/16

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_160298_F.2d_dxf.zip
English

Customer View Model
ENG_CVM_CVM_160298_F.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_160298_F.3d_stp.zip
English

Customer View Model
ENG_CVM_160298_D.3d_igs.zip
English

Customer View Model
ENG_CVM_160298_D.3d_stp.zip
English

Customer View Model
ENG_CVM_160298_D.2d_dxf.zip
English

3D PDF

English

160298

Closed Ring Tongue Terminal, 12 - 10 AWG, 5/16 / M8 Stud Size, 8.3 mm [.327 in]
Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG



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

Datasheets & Catalog Pages
PIDG TERMINALS & SPLICES Quick Reference Guide
English