

8-320563-1 ✓ ACTIVE



PIDG

TE Internal #: 8-320563-1

Ring Terminals & Spade Terminals, Ring Tongue, 16 – 14 AWG

Wire Size, 1.25 – 2 mm² Wire Size, 2050 – 5180 CMA Wire Size, Stud

Size 1/4 / M6, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG Ring Tongue Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **2050 – 5180 CMA**

Stud Size: **1/4, M6**

[All PIDG Ring Tongue Terminals \(421\)](#)

Features

Product Type Features

Stud Size	1/4, M6
Sealable	No
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	1.495 g
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Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight



Terminal Plating Material	Tin
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	6.35 mm[.25 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	28.96 mm[1.14 in]
Compatible Insulation Diameter (Max)	3.81 mm[.15 in]
Compatible Insulation Diameter Range	2.67 – 3.81 mm[.105 – .15 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
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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, RBV IS9252



TE Part # 47387
DAHT PG PIDG 20-14 ASSY

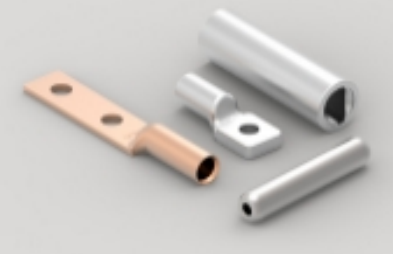


TE Part # 58423-1
DIE, RBV IS9252




TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG




Compression Connectors(17)




Crimp Terminal Housings(1)




Crimp Wire Pins, Tabs & Ferrules(40)




Hand Crimping Tools(2)




Knife Disconnects(11)



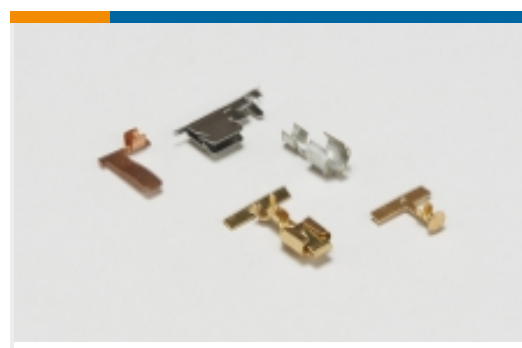
PCB Terminals(9)



Quick Disconnects(49)



Ring Terminals & Spade Terminals(861)

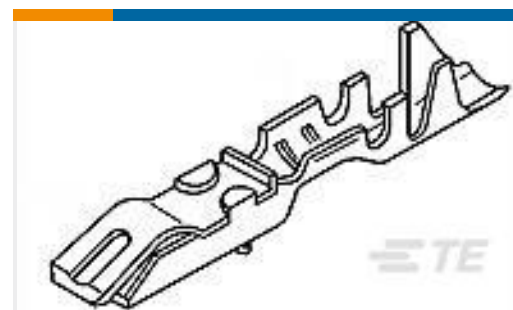


Special Purpose Terminals(1)



Splices(47)

Customers Also Bought

TE Part #5188836-1
Z-PACK/B22 RAF 110PTE Part #1-5745968-3
25 PLUG SP/FMS SCRLKTE Part #5208010-2
HD-20 PLUG 50P VERTTE Part #1-1757820-0
AMPLIMITE,ASY,RCPT,STD,109,ZN,5,CTTE Part #5745175-1
CABLE CLAMP KIT,SZ 5TE Part #52949-1
PG SPR SPD 22-16COMM 22-18MIL6TE Part #5-87124-2
LOCKING CLIP CONT ASY .025 SQTE Part #4160-202-2031L
CONT PINTE Part #8-35247-2
TERMINAL,SOLIS R 8 1/4TE Part #2000713-8
RA Keyed Guide Mod, Vita 46, Machined

Documents

Product Drawings

[TERMINAL,PIDG R 16-14 1/4](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_8-320563-1_V.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_8-320563-1_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-320563-1_V.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English