

51863-7 ✓ ACTIVE

PIDG

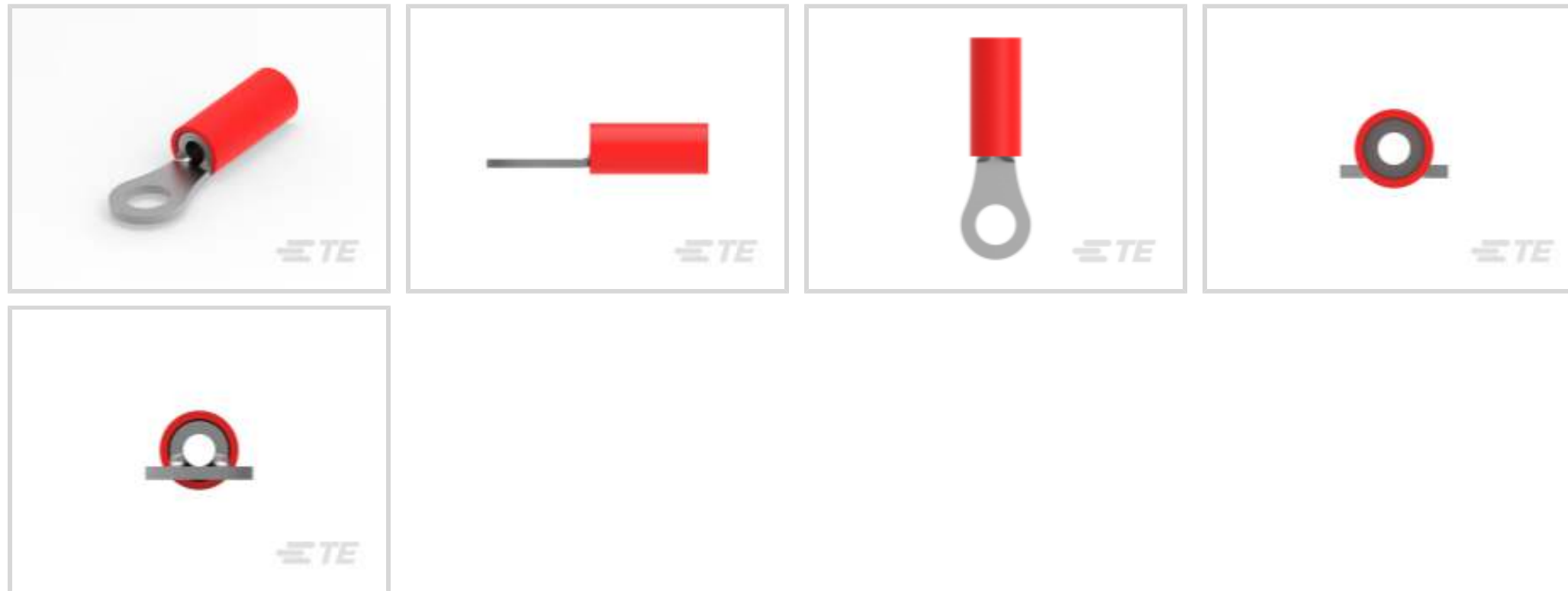
TE Internal #: 51863-7

Ring Terminals & Spade Terminals, Ring Tongue, 18 AWG Wire Size, .96 mm² Wire Size, 1900 CMA Wire Size, Stud Size #6 / M3.5

[View on TE.com >](#)



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



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

Wire Size: **1900 CMA**

Stud Size: **#6, M3.5**

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

Features

Product Type Features

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Restriction

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Product Weight	2.393 g
Insulation Sleeve Color	Red
Stripe Color	White

Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed



Terminal Orientation	Straight
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Terminal Plating Material	Tin
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	1900 CMA
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Stud Diameter	3.68 mm[.145 in]
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Tongue Thickness	.79 mm[.031 in]
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Product Length	19.86 mm[.782 in]
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Compatible Insulation Diameter (Max)	2.79 mm[.11 in]
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Compatible Insulation Diameter Range	1.42 – 2.79 mm[.056 – .11 in]
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Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C[221 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Compatible With Wire Plating Material	Tin
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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Tape Mounted
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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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

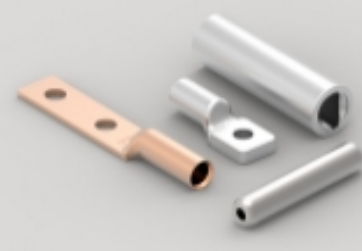


TE Part # 47806-2
DIES PIDG 22-16 DIE SET

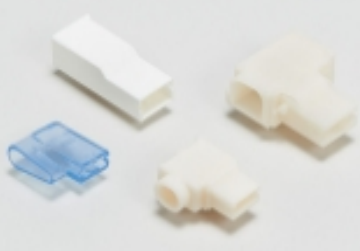


TE Part # 169404
CERTI-LOK DIE

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 #205838-1
CPC Connectors, Series 2



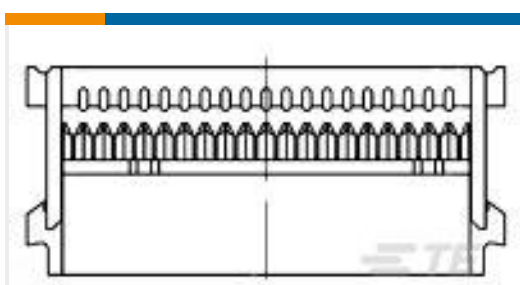
TE Part #745253-3
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



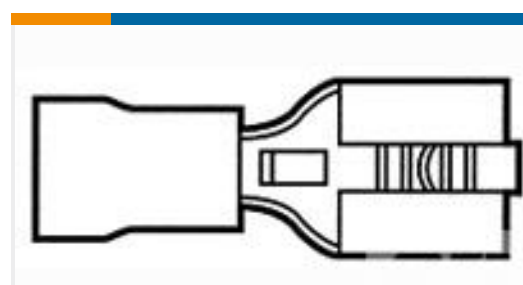
TE Part #3-6609106-0
PS0S0DHXB=C1178



TE Part #1579007-9
EXTRACTION TOOL



TE Part #1-1658526-3
609-2041LF FEM SOCKET, LEAD FREE



TE Part #42599-2
RECEPT, PIDG FASTON 22-18 250



TE Part #EM7489-000
X2-8.0-0-FSP-SM

Documents

Product Drawings

[TERMINAL, PIDG R IR 18 6](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_51863-7_AC.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_51863-7_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_51863-7_AC.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_51863-7_05022015456_dmtec](#)

English

[MD_51863-7_05022015456_dmtec](#)

English

Agency Approvals

[CSA Certificate](#)

English