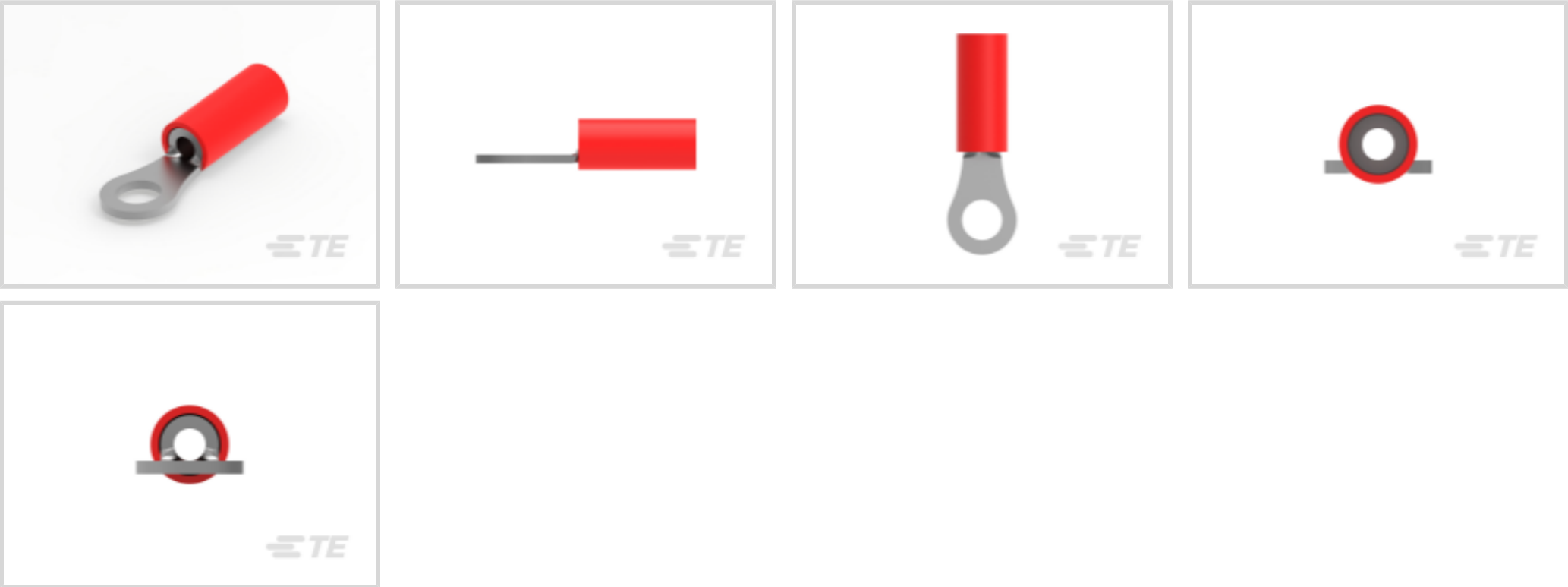




PIDG

TE Internal #: 51863-4
Ring Terminals & Spade Terminals, Ring Tongue, 18 AWG Wire
Size, .96 mm² Wire Size, 1900 CMA Wire Size, Stud Size M3.5, PIDG
[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: **M3.5**

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

Features

Product Type Features

Shape Description	RING-042
Stud Size	M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Restriction

Configuration Features

Number of Holes	1
Terminal Angle	180 °

Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Insulation Sleeve Color	Red
Weight per Piece	.767 g
Stripe Color	White

Contact Features

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Military Part Class	Class I
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	1900 CMA
Stud Diameter	3.68 mm[.145 in]
Tongue Thickness	.79 mm[.031 in]
Overall Product Length	19.86 mm[.782 in]
Accepts Wire Insulation Diameter (Max)	2.79 mm[.11 in]
Accepts Wire Insulation Diameter Range	1.42 – 2.79 mm[.056 – .11 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
Heavy Duty	No

Industry Standards

Government Qualified	Yes
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Packaging Features

Packaging Quantity	1000
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 59170 T-HEAD PIDG SH 26-14 ASSY	 TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY	 TE Part # 58433-3 PRO CR ASSY, RBY IS9252	 TE Part # 58423-1 DIE, RBY IS9252
 TE Part # 47386 DAHT PG PIDG 26-16 ASSY	 TE Part # 525690 DAHT PG PIDG 20-18 ASSY	 TE Part # 2063030-1 SDE DIESET, RBY, UL	 TE Part # 47806-2 DIES PIDG 22-16 DIE SET





TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY



TE Part # 1SET191001R0000
CRIMP-HT



TE Part # 169404
CERTI-LOK DIE

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)



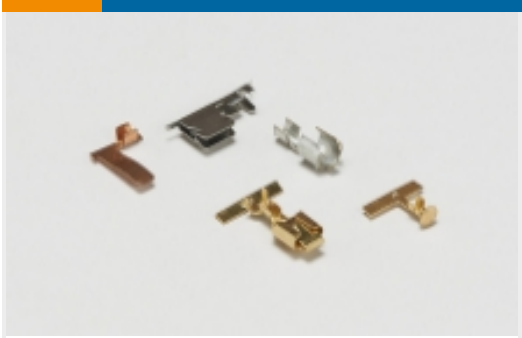
PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

Customers Also Bought



TE Part #1-794611-2
MICRO MNL RPT CNT,LS PC,30AU L



TE Part #134122-1
TERM, PIDG, R, IR, 14, M5



TE Part #52273
PIDG Ring Tongue Terminals



TE Part #2-320559-4
SPLICE BUTT PIDG 22-16; TAPE

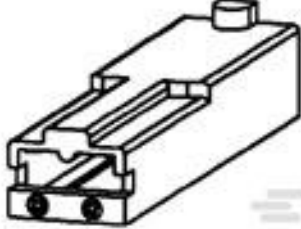




TE Part #YACT26JA35AN000000
STRAIGHT PLUG



TE Part #650074N006
D-436-36CS454



TE Part #1544373-1
CAP POLYAMID CLIP2



TE Part #ZPF000000000001192
097-0006-16

TE Part #2560-215-1631
CONT PIN

Documents

Product Drawings
TERMINAL,PIDG R IR 18 6
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_51863-4_AC.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_51863-4_AC.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_51863-4_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_51863-4_05022015455_dmtec
English
MD_51863-4_05022015455_dmtec
English



Agency Approvals

CSA Certificate

English

CSA Certificate

English