

51864-8 ✓ ACTIVE



PIDG

TE Internal #: 51864-8

PIDG, Rings & Spades, Ring Tongue, 14AWG Wire Size, 2 – 2.15 mm² Wire Size, 4234CMA Wire Size, #6 / M3.5, Stud Diameter 3.68 mm [.145 in]

[View on TE.com >](#)

Terminals & Splices > Rings & Spades > PIDG RING TONGUE TERMINALS



Terminal & Splice Type: **Ring Tongue**

Wire Size: **4234 CMA**

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

[All PIDG RING TONGUE TERMINALS \(422\)](#)

Features

Product Type Features

Shape Description	RING-042
Stud Size	#6, M3.5
Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Wire/Cable Type	Regular Wire
Support Style	Insulation Restriction

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Insulation Sleeve Color	Blue
Weight per Piece	1.028 g
Stripe Color	Green
Plating Material	Copper, Tin

Contact Features



Military Part Class	Class I
Terminal & Splice Type	Ring Tongue
Terminal Orientation	Offset

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	4234 CMA
Stud Diameter	3.68 mm [.145 in]
Tongue Thickness	.79 mm [.031 in]
Overall Length	23 mm [.906 in]
Wire Insulation Diameter (Max)	3.302 mm [.13 in]
Wire Insulation Diameter	1.981 – 3.302 mm [.078 – .13 in]

Usage Conditions

Operating Temperature Range	105 °C [221 °F]
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Operation/Application

Heavy Duty	No
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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: JUN 2020 (209) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.








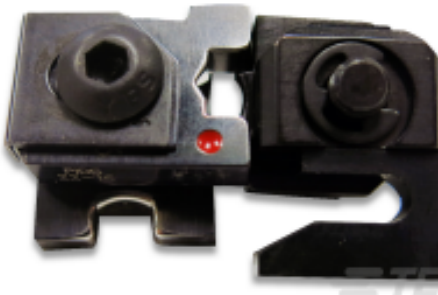
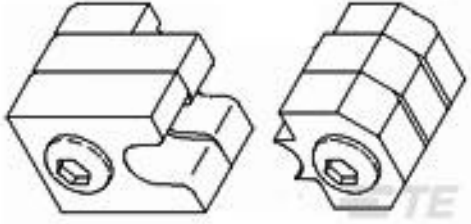



Solder Process Capability

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

 <p>TE Model / Part # 59170 T-HD HT, SH PIDG 22-14</p>	 <p>TE Model / Part # 47387 DAHT PIDG 16-14 ASSY</p>	 <p>TE Model / Part # 59250 T-HD HT, PIDG 22-14</p>	 <p>TE Model / Part # 58423-1 DIE, RBY IS9252</p>
 <p>TE Model / Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Model / Part # 59824-1 TETRA-CRIMP HT ASSY</p>	 <p>TE Model / Part # 47387-7 16-14 PIDG D.A.H.T. ASSY</p>	 <p>TE Model / Part # 47806-2 DIE PIDG 69365 46110 22-16</p>
 <p>TE Model / Part # 47807-1 DIE PIDG 69100 16-14</p>	 <p>TE Model / Part # 525691 16-14 PIDG D.A.H.T. ASSY</p>	 <p>TE Model / Part # 55823-1 RBY PRO CRIMPER KIT</p>	 <p>TE Model / Part # 169404 CERTI-LOK DIE</p>

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



Knife Disconnects(11)



PCB Terminals(9)



Portable Crimp Tools(2)



Quick Disconnects(53)



Rings & Spades(862)

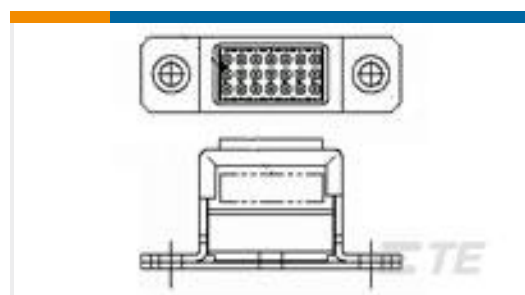


Special Purpose Terminals(1)

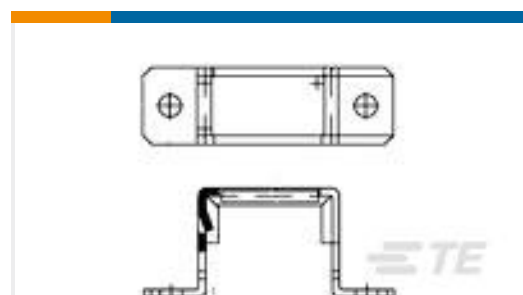


Splices(48)

Customers Also Bought



TE Model / Part #592840-1
TJ F/B 21E34-699



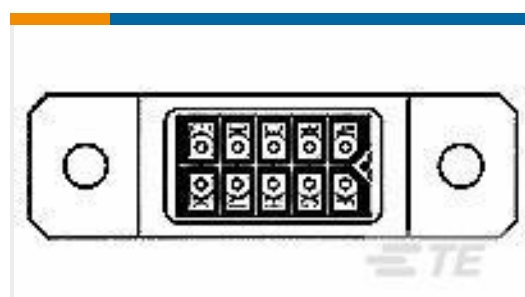
TE Model / Part #591637-1
BRACKET,FRAME ASSY



TE Model / Part #AFD56-14-12SN-6117
PLUG ASSY



TE Model / Part #090550-000
SO63-5-01



TE Model / Part #591858-1
TJ F/B 20 ELECT SPECIAL



TE Model / Part #423649-000
S03-05-R-100



TE Model / Part #972203-000
S03-02-R-100

Documents



Product Drawings

TERMINAL,PIDG R IR 14 6

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_51864-8_AF.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_51864-8_AF.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_51864-8_AF.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

CSA Certificate

English