



PIDG

TE Internal #: 171508-1

PIDG, Rings & Spades, Ring Tongue, 22 – 18 AWG, .26 – 1.04 mm², 509 – 3260 CMA, #6 / M3.5, Stud Diameter 3.68 mm [.145 in]

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Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **509 – 3260 CMA**

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

Features

Product Type Features

Shape Description	RING-041
Stud Size	#6, M3.5
Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Inspection Slot	No
Insulation Sleeve Color	Red
Stripe Color	Red
Plating Material	Copper, Tin

Contact Features

Terminal & Splice Type	Ring Tongue
Terminal Orientation	Offset



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.68 mm [.145 in]
Tongue Thickness	.79 mm [.031 in]
Overall Length	20.3 mm [.7917 in]
Wire Insulation Diameter (Max)	3.18 mm [.125 in]
Wire Insulation Diameter	2.03 – 3.18 mm [.08 – .125 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	No
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



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(1)



Quick Disconnects(53)



Rings & Spades(862)



Special Purpose Terminals(1)



Splices(48)

Customers Also Bought



TE Model / Part #3-2213767-9
AV19 SPL 5A MOVE RING LED BLUE
24V



TE Model / Part #1757823-9
AMPLIMITE,ASY,PLUG,STD,90,ZN,3,CT



TE Model / Part #171508-5
PIDG RING UL.CSA(22-16)



TE Model / Part #171506-1
PIDG RING (22-18)



TE Model / Part #170121-1
MATE-N-LOK SKT L.P.



TE Model / Part #321019
TERMINAL,PIDG R 26-22 6



TE Model / Part #7-1676914-2
YR1 0.1% 604R



TE Model / Part #1-178294-3
DYNAMIC 3100 HDR ASY 4P H K/X



TE Model / Part #450705-000
S02-03-R

Documents

Product Drawings

[PIDG RING UL 22-16](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_171508-1_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171508-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171508-1_F.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English