

171505-1  ACTIVE



## PIDG

TE Internal #: 171505-1

PIDG, Rings & Spades, Ring Tongue, 22 – 18AWG Wire Size, .26 –

1.04mm<sup>2</sup> Wire Size, 509 – 2050CMA Wire Size, M2.5 / #4, Stud

Diameter 3.02 mm [.119 in]

[View on TE.com >](#)

Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **509 – 2050 CMA**

Stud Size: **#4, M2.5**

## Features

### Product Type Features

Shape Description	RING-052
Stud Size	#4, M2.5
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
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Terminal Orientation	Straight
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 2050 CMA
Stud Diameter	3.02 mm [.119 in]
Tongue Thickness	.79 mm [.031 in]
Overall Length	16.5 mm [.648 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

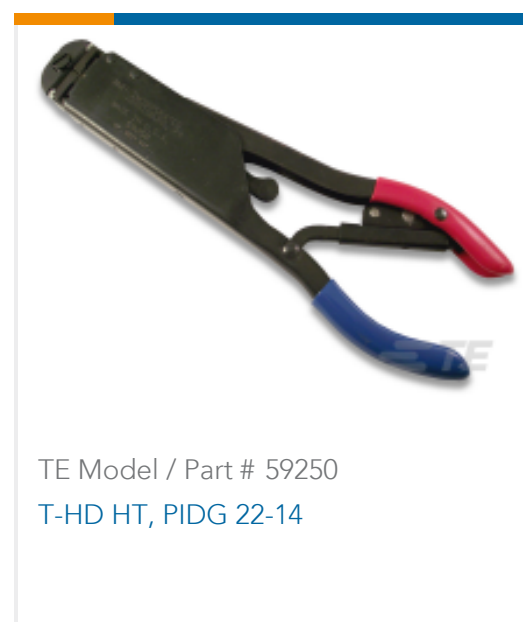
[For compliance documentation, visit the product page on TE.com>](#)

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: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) 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>

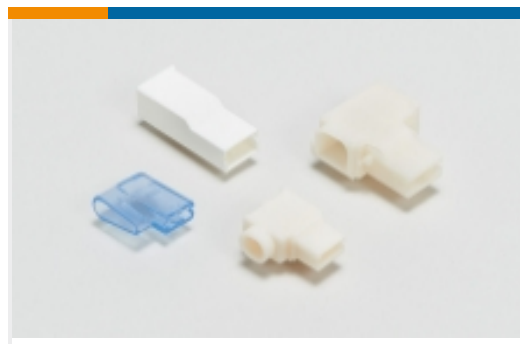
## Compatible Parts



## 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 #31899  
TERMINAL,PIDG R 16-14 8



TE Model / Part #172107-4  
H-TYPE E.I.S. CONN. 4P ASSY



TE Model / Part #172107-2  
H-TYPE E.I.S. CONN. 2P ASSY



TE Model / Part #172107-3  
H-TYPE E.I.S. CONN. 3P ASSY



TE Model / Part #5175472-8  
CHAMP 050 B/B PLUG H W/LEG 68P



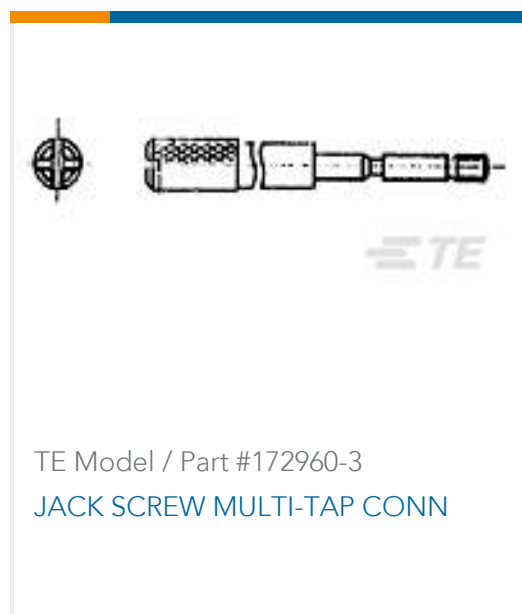
TE Model / Part #3-178498-1  
UP 7.92 3P TAB HDR NATL TYPE 1



TE Model / Part #172380-1  
12P POST HD ASSY MULTI-TAP



TE Model / Part #172378-1  
PLUG ASSY MULTI-TAP



## Documents

### Product Drawings

[PIDG RING UL.CSA\(22-18\)](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_171505-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_171505-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_171505-1\\_C.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

### Agency Approvals

[UL Report](#)

English