

8-53941-1 ✓ ACTIVE



## PIDG

TE Internal #: 8-53941-1

Closed Ring Tongue Terminal, 16 AWG, M4 / #8 Stud Size, 4.34 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 – 5180 CMA

Stud Size: #8, M4

[All PIDG Ring Tongue Terminals \(418\)](#)

## Features

### Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

### Configuration Features

Number of Holes	1
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### Electrical Characteristics

Voltage Rating	300 V
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### Body Features

Insulation Sleeve Color	Blue
Stripe Color	Blue

### Contact Features

Barrel Type	Closed
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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	2050 – 5180 CMA
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Stud Diameter	4.34 mm [.171 in]
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Tongue Thickness	.78 mm [.031 in]
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Product Length	20.65 mm [.813 in]
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Compatible Insulation Diameter (Max)	4.32 mm [.17 in]
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Compatible Insulation Diameter Range	2.92 – 4.31 mm [.115 – .17 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	100
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Packaging Method	Loose Piece
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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 # 47387  
DAHT PG PIDG 20-14 ASSY

TE Part # 58423-1  
DIE, RBY IS9252

TE Part # 58433-3  
PRO CR ASSY, RBY IS9252

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(7)



Quick Disconnects(49)



Ring Terminals(611)



Spade Terminals(233)



Special Purpose Terminals(1)



Splices(46)

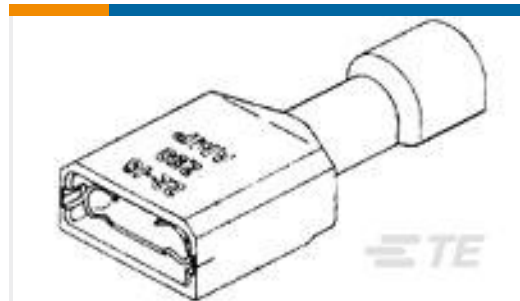
## Customers Also Bought



TE Part #7-51863-1  
PIDG R 22-16 COMM 22-18 MIL 6



TE Part #1622866-1  
CRG0603 1% 1K0



TE Part #3-520404-2  
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



TE Part #1879213-5  
CPF 0402 28R7 0.1% 25PPM 1K RL



TE Part #2-1879214-5  
CPF 0402 576R 0.1% 25PPM 1K RL



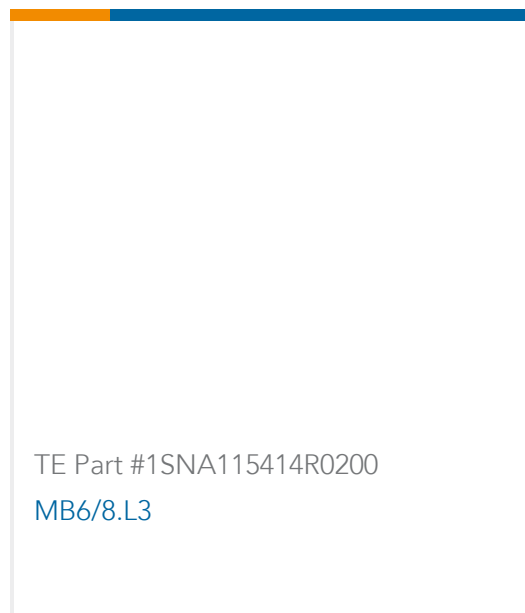
TE Part #5-104439-5  
4X6 MTE RCPT SR PLAIN .100CL



TE Part #YDTS20F23-21SNV001  
RECP ASSY



TE Part #0662-207-0482  
CONT SOC ASSY



TE Part #1SNA115414R0200  
MB6/8.L3

## Documents



## Product Drawings

[TERMINAL,PIDG R 16-14 8](#)

English

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## CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_8-53941-1\\_C.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_8-53941-1\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_8-53941-1\\_C.3d\\_stp.zip](#)

English

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## Product Specifications

[Application Specification](#)

English