

8-320563-1 ✓ ACTIVE



PIDG

TE Internal #: 8-320563-1

Closed Ring Tongue Terminal, 16 – 14 AWG, M6 / 1/4 Stud Size,
6.35 mm [.25 in] Stud Diameter, Closed Barrel, Straight, Tin,
Partially Insulated, PIDG

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 – 5180 CMA

Stud Size: 1/4, M6

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

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	1/4, M6
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

Product Weight	1.495 g
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Contact Features

Barrel Type	Closed
Terminal Orientation	Straight



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	6.35 mm [.25 in]
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Tongue Thickness	.79 mm [.031 in]
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Product Length	28.96 mm [1.14 in]
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Compatible Insulation Diameter (Max)	3.81 mm [.15 in]
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Compatible Insulation Diameter Range	2.67 – 3.81 mm [.105 – .15 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](https://www.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
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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

REPRESENTATION ONLY

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 # 169404
CERTI-LOK DIE

Also in the Series | PIDG

Compression Connectors(17)

Crimp Terminal Housings(1)

Crimp Wire Pins, Tabs & Ferrules(41)

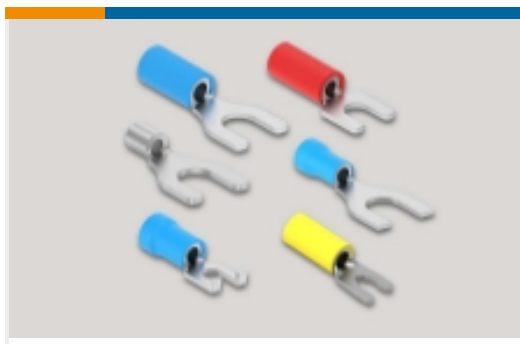
Hand Crimping Tools(2)

Knife Disconnects(11)

PCB Terminals(7)

Quick Disconnects(49)

Ring Terminals(611)



Spade Terminals(233)

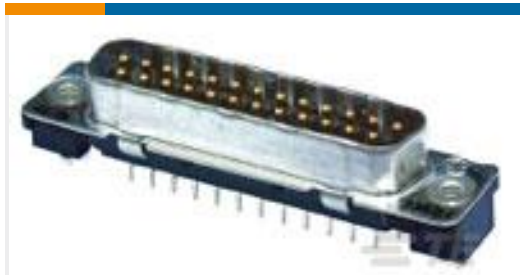


Special Purpose Terminals(1)



Splices(46)

Customers Also Bought



TE Part #1-5745968-3
25 PLUG SP/FMS SCRLK



TE Part #2-34123-1
TERMINAL,SOLIS R 16-14 10



TE Part #2199249-4
Shield Finger, Loose Piece, Type B, 2.3 h



TE Part #1-1423674-1
W54-XB1A4A10-30=CKTBKR,THERM,P



TE Part #1-87133-1
12 LOCKING CLIP HSG DR .100CL



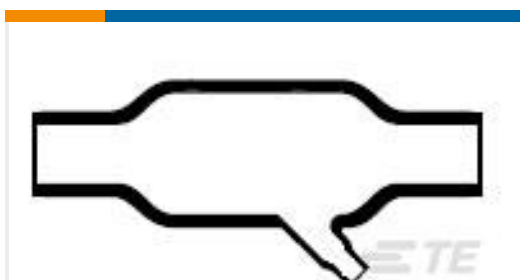
TE Part #33457
TERMINAL,SOLIS R 12-10 10



TE Part #34119
TERMINAL,SOLIS R 16-14 4



TE Part #34123
TERMINAL,SOLIS R 16-14 10



TE Part #731547-000
342A124-3/86-0

Documents

Product Drawings

[TERMINAL,PIDG R 16-14 1/4](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_8-320563-1_V.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_8-320563-1_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-320563-1_V.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English