

PIDG

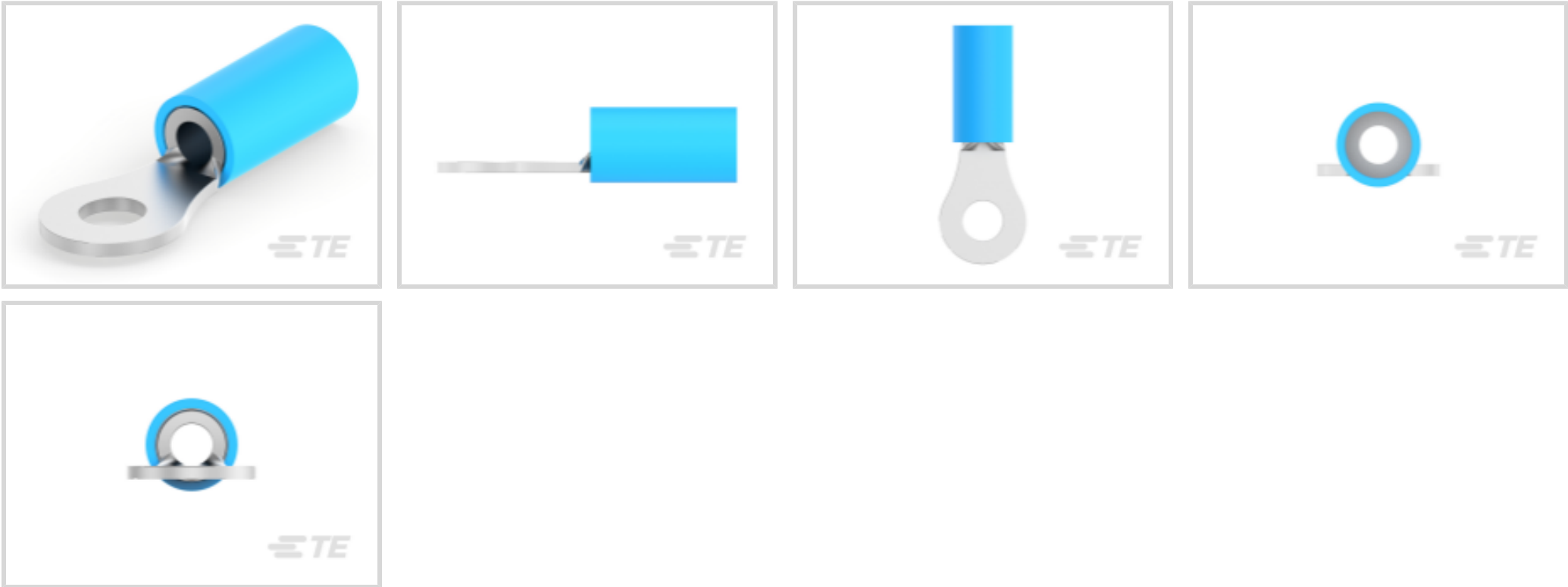
TE Internal #: 6-51864-1

Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, 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: 2800 CMA

Stud Size: #6, M3.5

Stud Diameter: 3.68 mm [.145 in]

[All PIDG Ring Tongue Terminals \(410\)](#)

Features

Configuration Features

Number of Holes	1
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Mechanical Attachment

Wire Insulation Support	With
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Electrical Characteristics

Voltage Rating	300 V
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Industry Standards

Government Qualified Terminal	No
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Body Features

Product Weight	1.039 g
Insulation Sleeve Color	Blue
Stripe Color	Blue

Packaging Features

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Packaging Quantity	100
Packaging Method	Loose Piece

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Restriction

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Dimensions

Wire Size	2800 CMA
Stud Diameter	3.68 mm[.145 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	23 mm[.906 in]
Compatible Insulation Diameter (Max)	3.3 mm[.13 in]
Compatible Insulation Diameter Range	1.6 – 3.3 mm[.063 – .13 in]

Usage Conditions

Insulation Option	Partially Insulated
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Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241)
Candidate List Declared Against: JAN 2021 (211)
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>

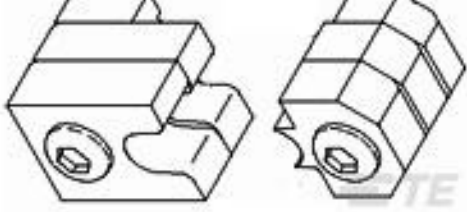
Compatible Parts



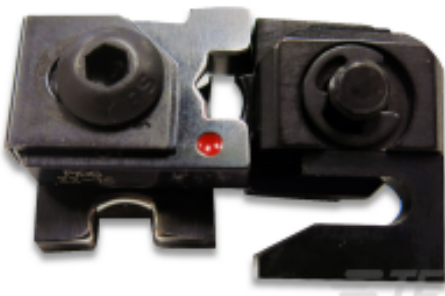
TE Part # 55823-1
RBY PRO CRIMPER KIT




TE Part # 47387
DAHT PG PIDG 20-14 ASSY




TE Part # 47807-1
DIES PIDG 16-14 DIE SET




TE Part # 47806-2
DIES PIDG 22-16 DIE SET




TE Part # 58423-1
DIE, RBY IS9252



TE Part # 59170
T-HEAD PIDG SH 26-14 ASSY



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



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 169404
CERTI-LOK DIE

TE Part # 2063030-1
SDE DIESET, RBY, UL

Also in the Series | PIDG

Compression Connectors(17)

Crimp Wire Pins, Tabs & Ferrules(41)

Knife Disconnects(11)

Quick Disconnects(38)

Ring Terminals(588)

Spade Terminals(228)

Special Purpose Terminals(1)

Splices(41)

Customers Also Bought

TE Part #SP1-4
STRING POT 4.75 INCH RANGE

TE Part #1-6609028-9
20VK6=F7357 S0

TE Part #8-32589-2
TERMINAL,PIDG SPD 12-10 10

TE Part #66361-3
III+ PIN,18-14,15AU/FL,LP

TE Part #213862-1
17-16 RCPT HSG,STD SEX,CPC

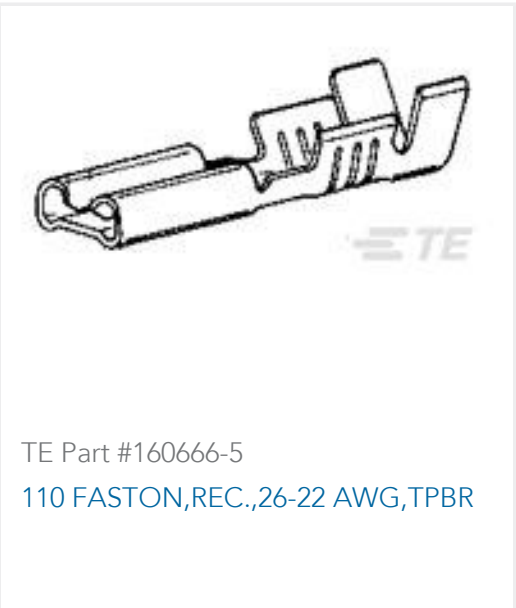
TE Part #1-104068-3
34 SYSTEM 50 HDR DRST SHRD

TE Part #5-747917-2
37 Rcpt Solder Cup, Gold Flash

TE Part #1-2007492-5
SFP+assy 2x1 EMI Springs 4LP Sn Enhanced



TE Part #62887-1
110 FASTON,TAB,20-16 AWG,TPBR



TE Part #160666-5
110 FASTON,REC.,26-22 AWG,TPBR

Documents

Product Drawings

TERMINAL,PIDG R IR 16 6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-51864-1_AF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-51864-1_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-51864-1_AF.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Agency Approvals

CSA Certificate

English