51864-6 ✔ ACTIVE

PIDG

TE Internal #: 51864-6

PIDG, Ring Terminals & Spade Terminals, Ring Tongue, 16AWG Wire Size, 1.25 – 1.4mm² Wire Size, 2800CMA Wire Size, M3.5 / #6

View on TE.com >

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG RING TONGUE TERMINALS



Terminal & Splice Type: **Ring Tongue**

Wire Size: **2800 CMA**

Ring & Spade Stud Size: **#6, M3.5**

All PIDG RING TONGUE TERMINALS (422)

Features

Product Type Features

Shape Description	RING-042
Ring & Spade Stud Size	#6, M3.5
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Insulation Restriction

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Electrical Characteristics

Voltage (Max)	300 V

Body Features

Insulation Sleeve Color	Blue
Weight per Piece	1.039 g
Stripe Color	Blue
Ring & Spade Plating Material	Copper, Tin

Contact Features

Military Part Class	Class I

Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Offset

Mechanical Attachment

Wire Insulation Support	With

Dimensions

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

Usage Conditions

Insulation Requirement	Partially Insulated
Operating Temperature Range	105 °C[221 °F]

Operation/Application

Heavy Duty	No

Industry Standards

Government Qualified	Yes

Packaging Features

Packaging Quantity	1
Ring & Spade Packaging Method	Loose Piece

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

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 # 59170
T-HEAD PIDG SH 26-14 ASSY



TE Part # 47386-4
DAHT PG PIDG 26-16 ASSY



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



TE Part # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 47387
DAHT PG PIDG 20-14 ASSY



TE Part # 58423-1
DIE, RBY IS9252



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



TE Part # 525690
DAHT PG PIDG 20-18 ASSY



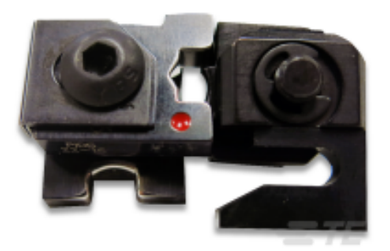
TE Part # 55823-1
RBY PRO CRIMPER KIT



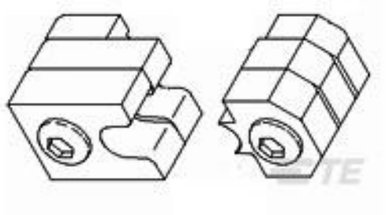
TE Part # 2063030-1
SDE DIESET, RBY, UL



TE Part # 314270-3
PNEU HD 22-16 PIDG IS9586



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



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



TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



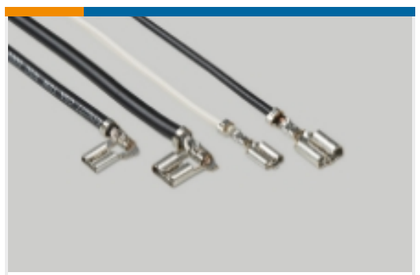
Knife Disconnects(11)



PCB Terminals(9)



Portable Crimp Tools(2)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(862)



Special Purpose Terminals(1)



Splices(48)

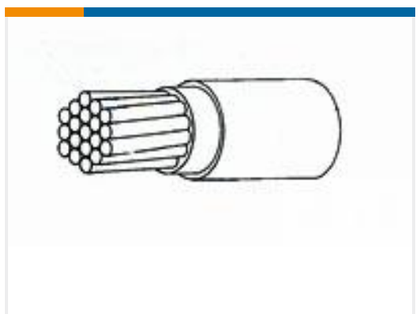
Customers Also Bought



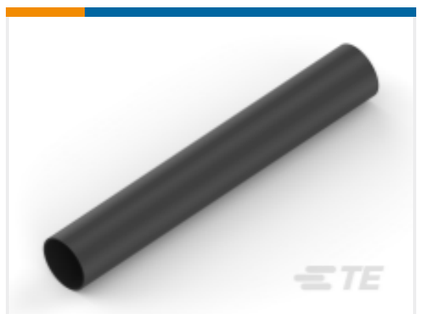
TE Part #1-320551-3
PIDG RING TONGUE TERMINALS



TE Part #1662-213-2031
CONT SOC ASSY



TE Part #184523-000
22759/43-10-9



TE Part #NB19914001
VERSAFIT-1/16-0-SP



TE Part #1410946-3
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW

TE Part #1617748-5
CX-3959A



TE Part #1-1393130-6
PRD-7DG0-24=PRD

Documents

Product Drawings

TERMINAL,PIDG R IR 16 6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_51864-6_AF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_51864-6_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_51864-6_AF.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

CSA Certificate

English