

51864-6 ✓ ACTIVE



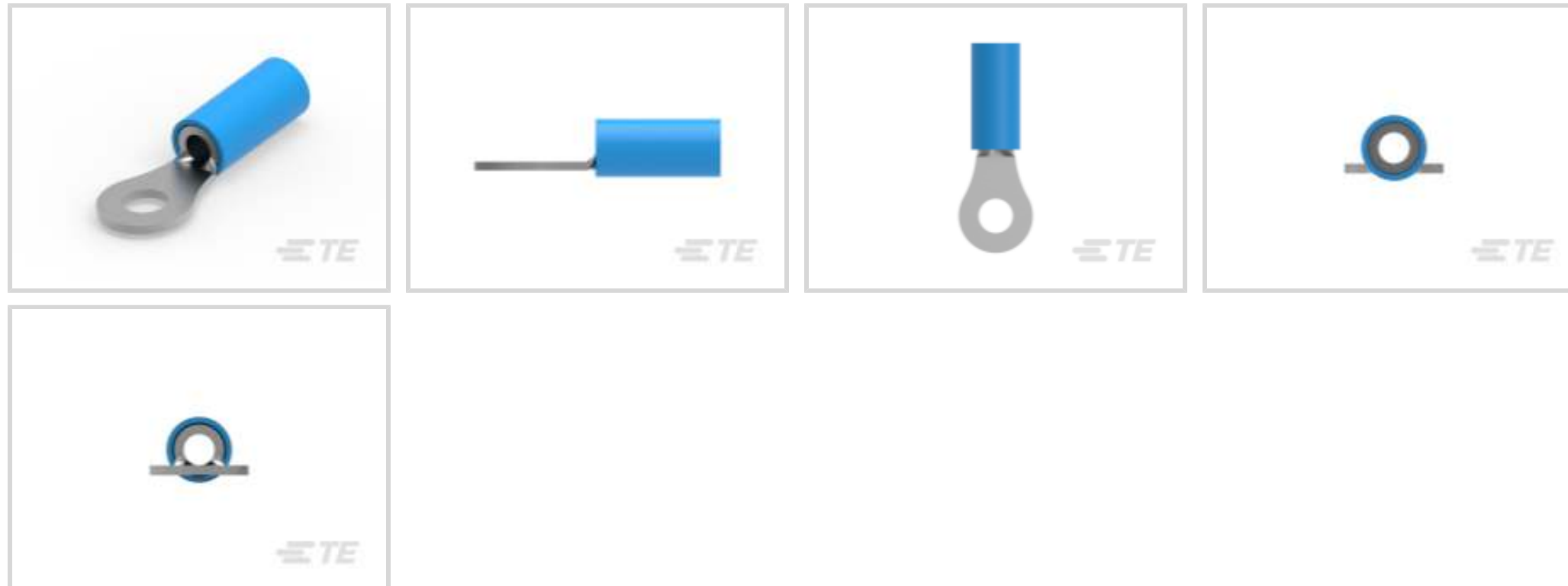
PIDG

TE Internal #: 51864-6

Ring Terminals & Spade Terminals, Ring Tongue, 16 AWG Wire Size, 1.419 mm² Wire Size, 2800 CMA Wire Size, Stud Size M3.5, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG Ring Tongue Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **2800 CMA**

Stud Size: **M3.5**

[All PIDG Ring Tongue Terminals \(421\)](#)

Features

Product Type Features

Stud Size	M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Restriction

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Product Weight	1.039 g
Insulation Sleeve Color	Blue
Stripe Color	Blue

Contact Features

Military Part Class	Class I
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Ring & Spade Terminal Type	Ring Tongue
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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	2800 CMA
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Stud Diameter	3.68 mm[.145 in]
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Tongue Thickness	.79 mm[.031 in]
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Product Length	23 mm[.906 in]
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Compatible Insulation Diameter (Max)	3.3 mm[.13 in]
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Compatible Insulation Diameter Range	1.6 – 3.3 mm[.063 – .13 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	Yes
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Packaging Features

Packaging Quantity	1
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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)
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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 # 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 # 47386-4
DAHT PG PIDG 26-16 ASSY

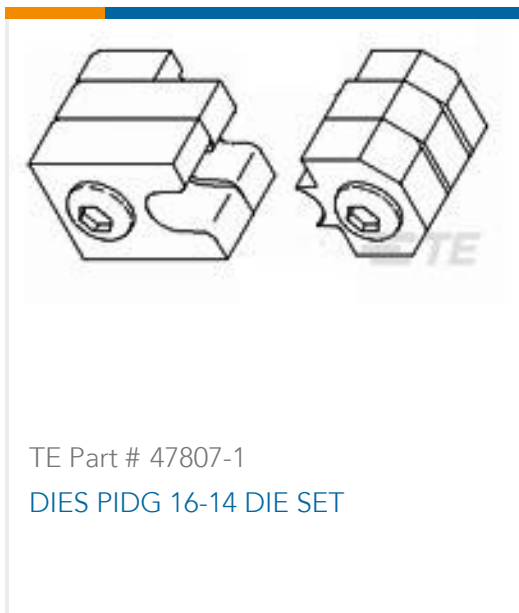
TE Part # 525690
DAHT PG PIDG 20-18 ASSY

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



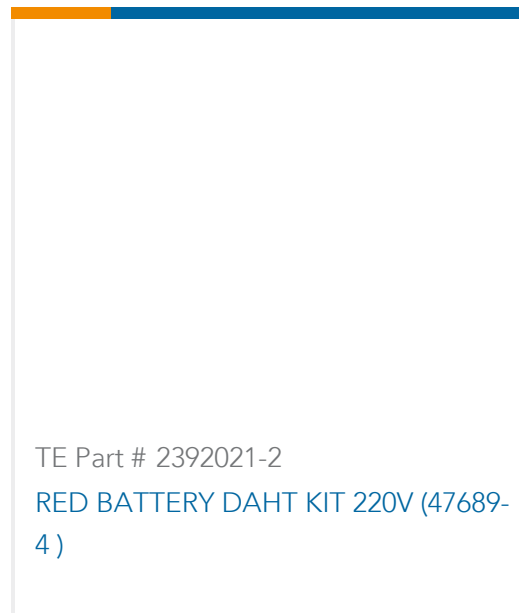
TE Part # 47807-1
DIES PIDG 16-14 DIE SET



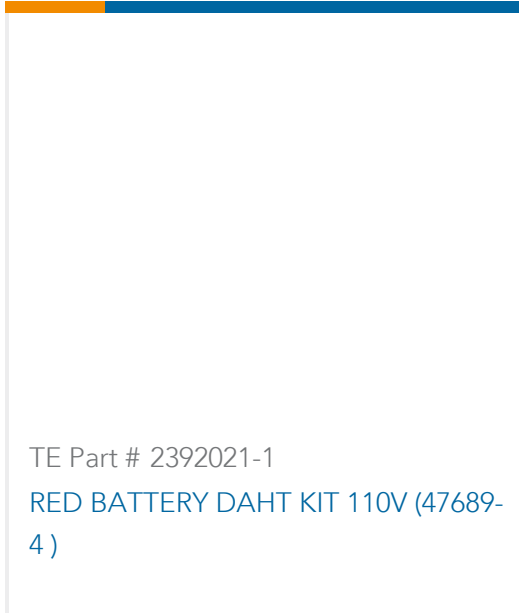
TE Part # 1SET191001R0000
CRIMP-HT



TE Part # 1SET191002R0000
TET CRIMP-HT



TE Part # 2392021-2
RED BATTERY DAHT KIT 220V (47689-4)

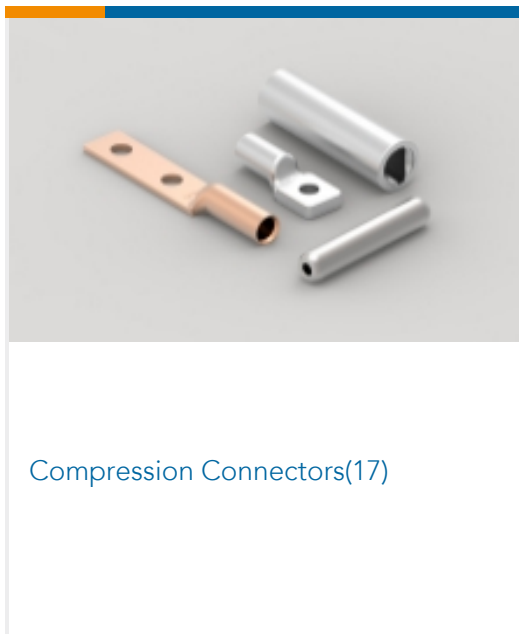


TE Part # 2392021-1
RED BATTERY DAHT KIT 110V (47689-4)

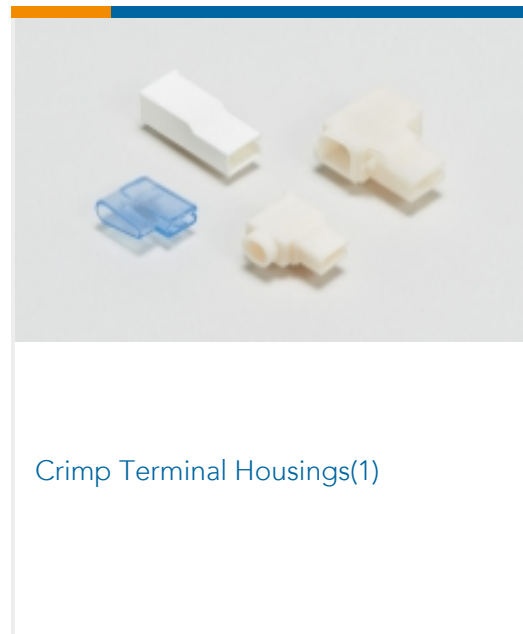


TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG



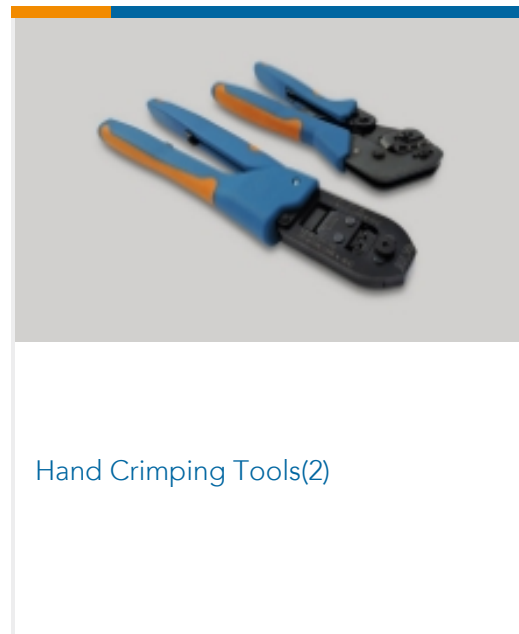
Compression Connectors(17)



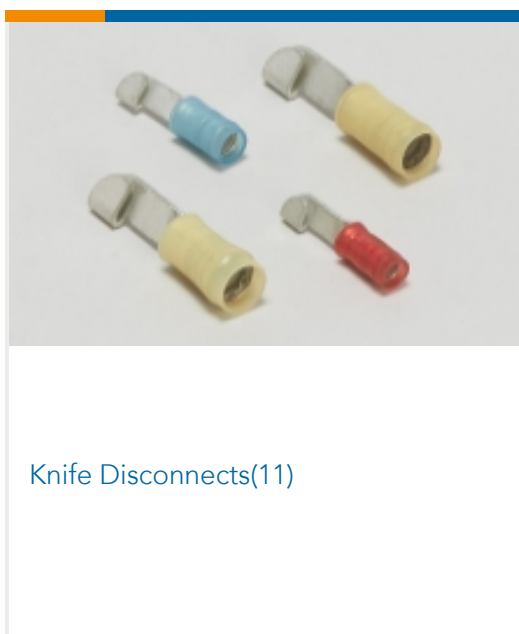
Crimp Terminal Housings(1)



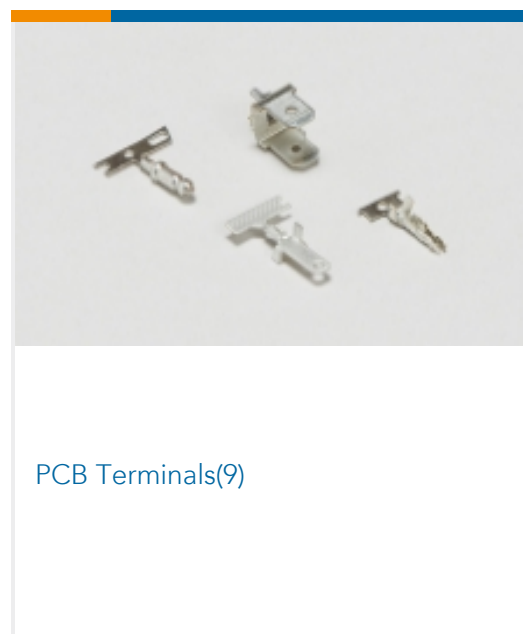
Crimp Wire Pins, Tabs & Ferrules(40)



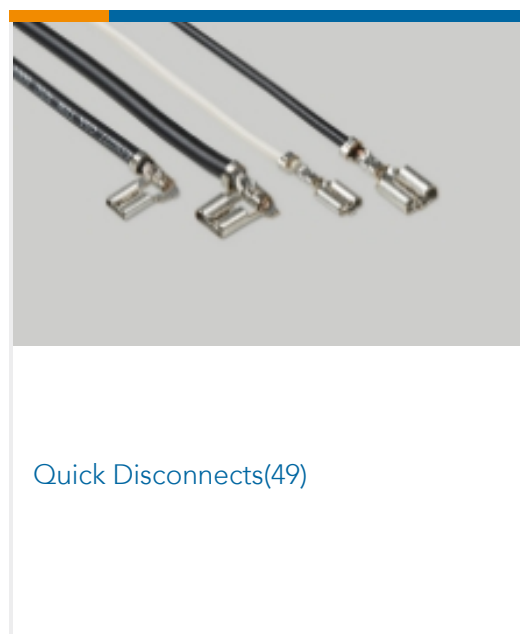
Hand Crimping Tools(2)



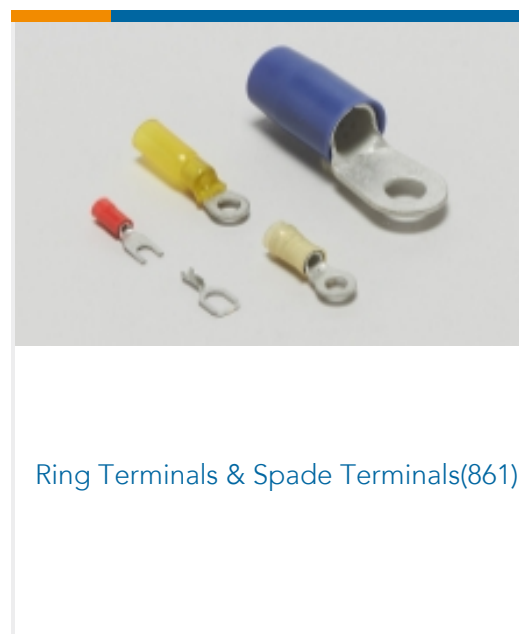
Knife Disconnects(11)



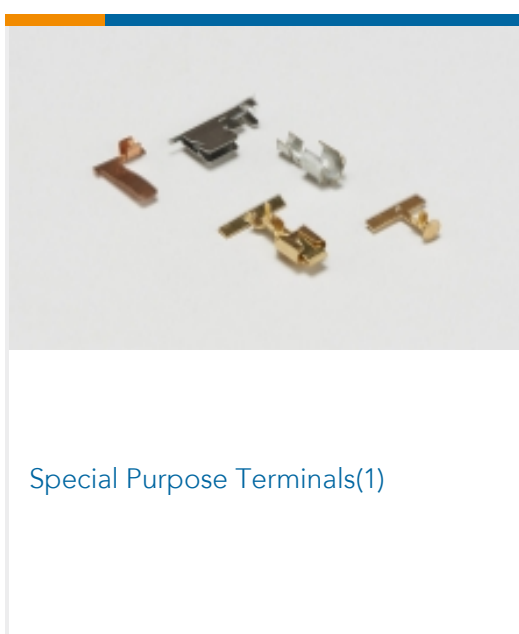
PCB Terminals(9)



Quick Disconnects(49)



Ring Terminals & Spade Terminals(861)

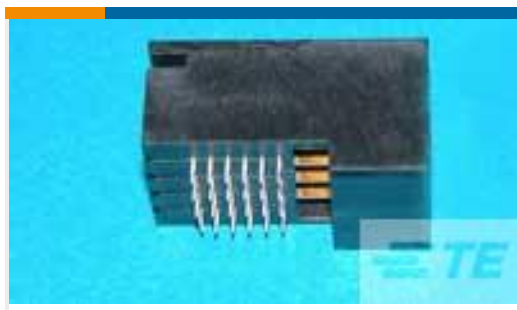


Special Purpose Terminals(1)



Splices(47)

Customers Also Bought



TE Part #1-1410271-1
MULTIGIG RT PWR .8" R/A HDR 4P
PBFR



TE Part #1-480700-6
03P UMNL PLUG HSG BLU



TE Part #2102768-1
BP, Center, RTM, MULTIGIG RT 2R



TE Part #2102775-1
DC, 7Row, Half End, RTM, MULTIGIG
RT 2R



TE Part #2102736-2
Assy, Vert Recpt, Center, MG, Rug
Cntct



TE Part #2102735-2
Assy, Vert Recpt, Left End, MG, Rug
Cntc



TE Part #2302789-2
VERTRECASSY,CENTER,MULTIGIG
RT3



TE Part #2302790-2
VERTRECASSY,RIGHTEND,MULTIGIG
RT3



TE Part #2302792-1
VERTRECASSY,CENTER,SELLOAD,
RTM,MGRT3



TE Part #2332817-2
Vert RCPT Left End Half Multigig RT 3

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