

51863 ✓ ACTIVE

## PIDG

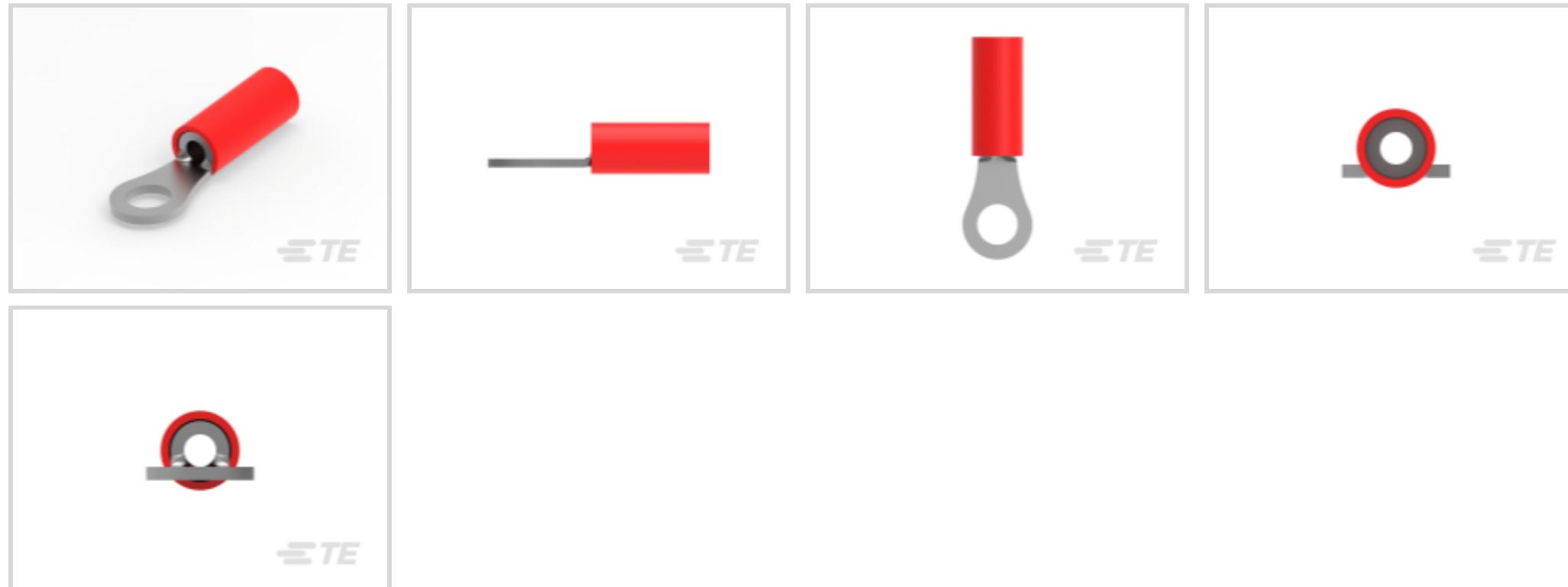
TE Internal #: 51863

Closed Ring Tongue Terminal, 22 – 16 AWG, M3.5 Stud Size, 3.68 mm [.145 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: **509 – 3260 CMA**

Stud Size: **M3.5**

[All PIDG Ring Tongue Terminals \(411\)](#)

## Features

### Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	M3.5
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	Red
Product Weight	.625 g

### Contact Features

Military Part Class	Class I
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Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

#### Mechanical Attachment

Wire Insulation Support	With
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#### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.68 mm [.145 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	19.86 mm [.782 in]
Compatible Insulation Diameter (Max)	3.81 mm [.15 in]
Compatible Insulation Diameter Range	2.03 – 3.81 mm [.08 – .15 in]

#### Usage Conditions

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

#### Operation/Application

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

#### Industry Standards

Government Qualified Terminal	Yes
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#### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

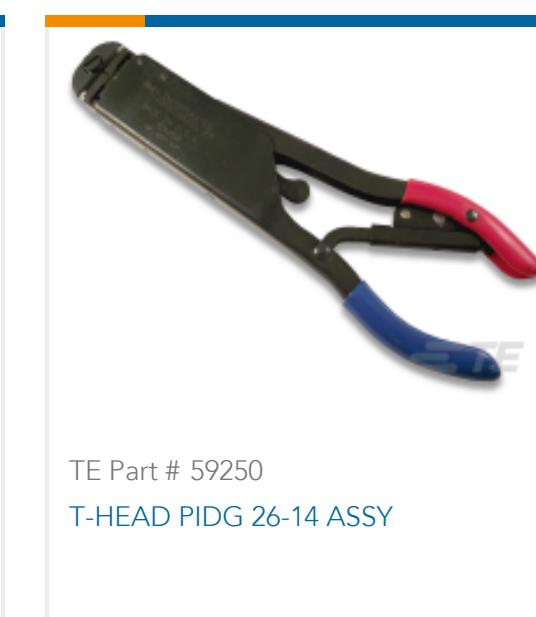
#### Product Compliance

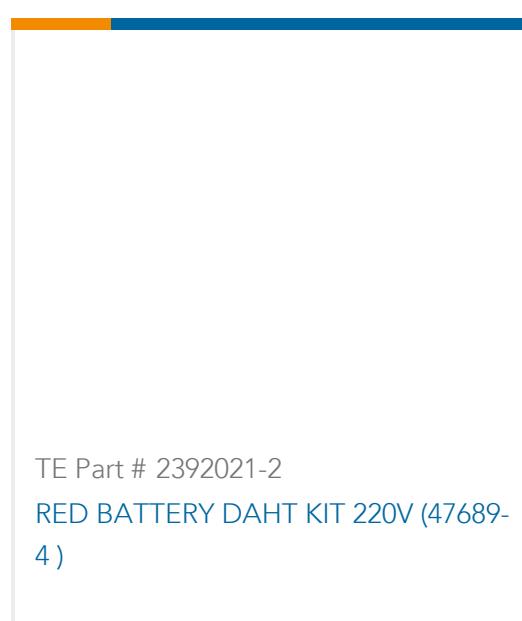
For compliance documentation, visit the product page on [TE.com](http://TE.com)>

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: JUNE 2024 (241)

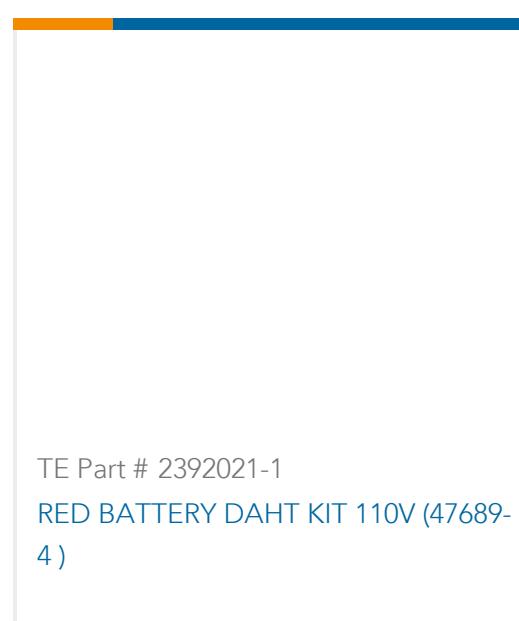
Halogen Content	Does not contain REACH SVHC
Solder Process Capability	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Not applicable for solder process capability	
<p><b>Product Compliance Disclaimer</b></p> <p>This information is provided based on reasonable inquiry 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: <a href="https://echa.europa.eu/guidance-documents/guidance-on-reach">https://echa.europa.eu/guidance-documents/guidance-on-reach</a></p>	

## Compatible Parts

			
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 # 58423-1 DIE, RBY IS9252
			
TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	TE Part # 47386 DAHT PG PIDG 26-16 ASSY	TE Part # 539691-2 ERGO DIE R.B.Y	TE Part # 2063030-1 SDE DIESET, RBY, UL
			
TE Part # 47806-2 DIES PIDG 22-16 DIE SET	TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY	TE Part # 69344 PIDG 26-22 DIE SET	TE Part # 169400 CERTI-LOK FRAME W/O DIES



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

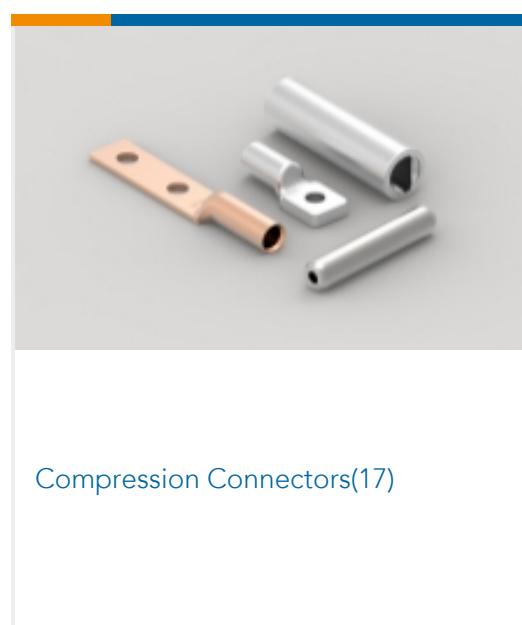


TE Part # 1SET191001R0000  
CRIMP-HT



TE Part # 1SET191002R0000  
TET CRIMP-HT

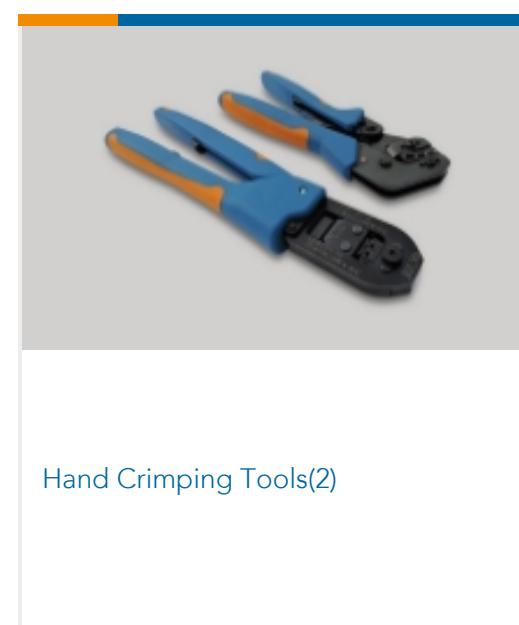
## Also in the Series | PIDG



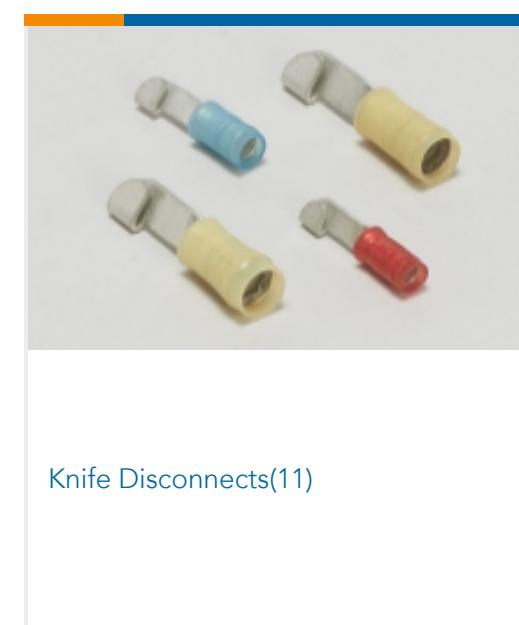
Compression Connectors(17)



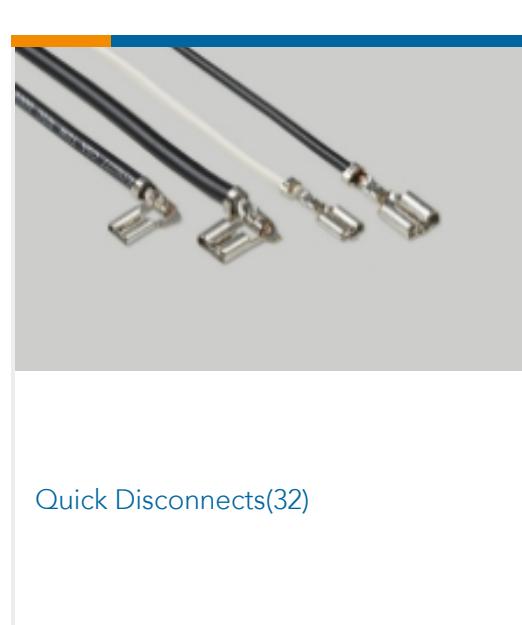
Crimp Wire Pins, Tabs & Ferrules(41)



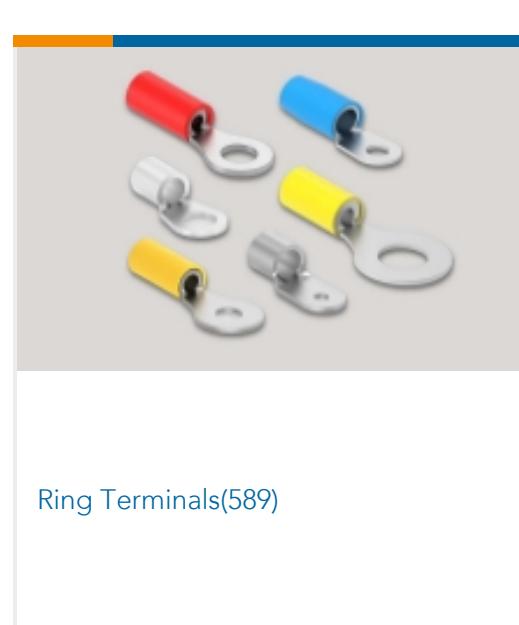
Hand Crimping Tools(2)



Knife Disconnects(11)



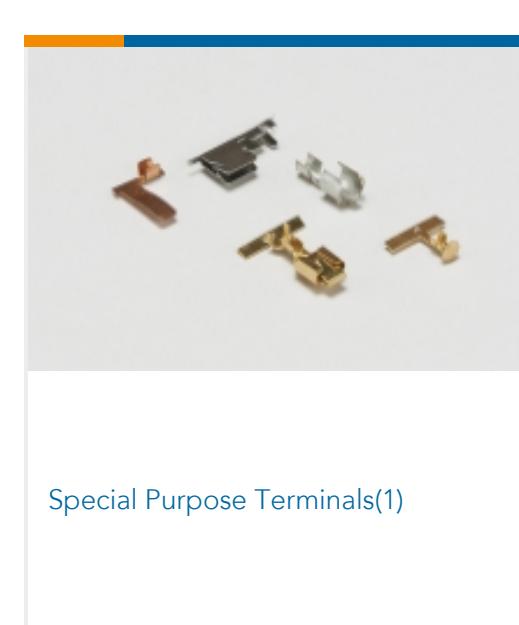
Quick Disconnects(32)



Ring Terminals(589)



Spade Terminals(228)

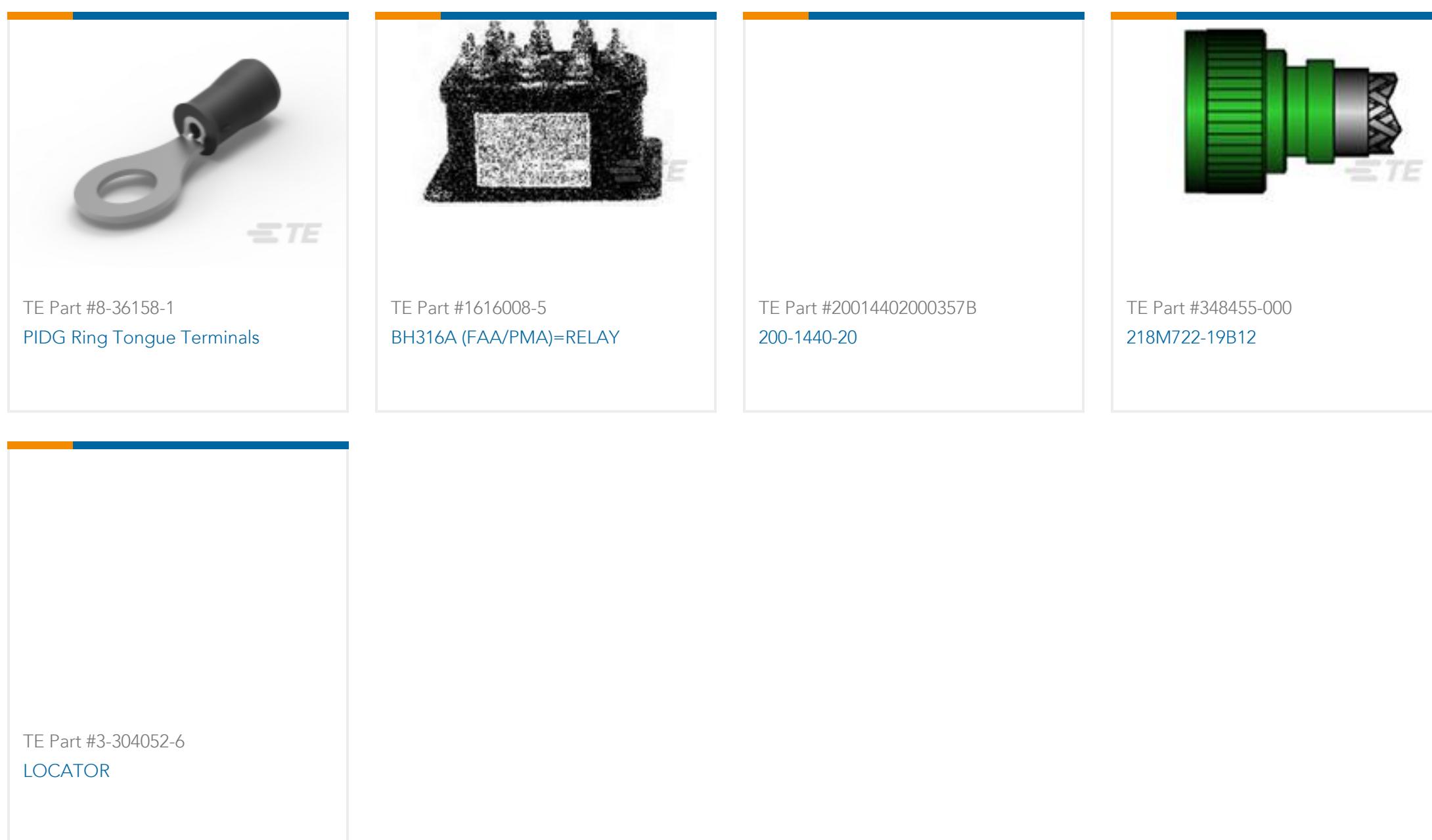


Special Purpose Terminals(1)



Splices(40)

## Customers Also Bought



## Documents

### Product Drawings

[TERM, R, PIDG, 22-16/22-18, #6\(M3.5\)](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_51863\\_AC.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_51863\\_AC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_51863\\_AC.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

### Agency Approvals

[UL Report](#)

English