

53414-1 ✓ ACTIVE



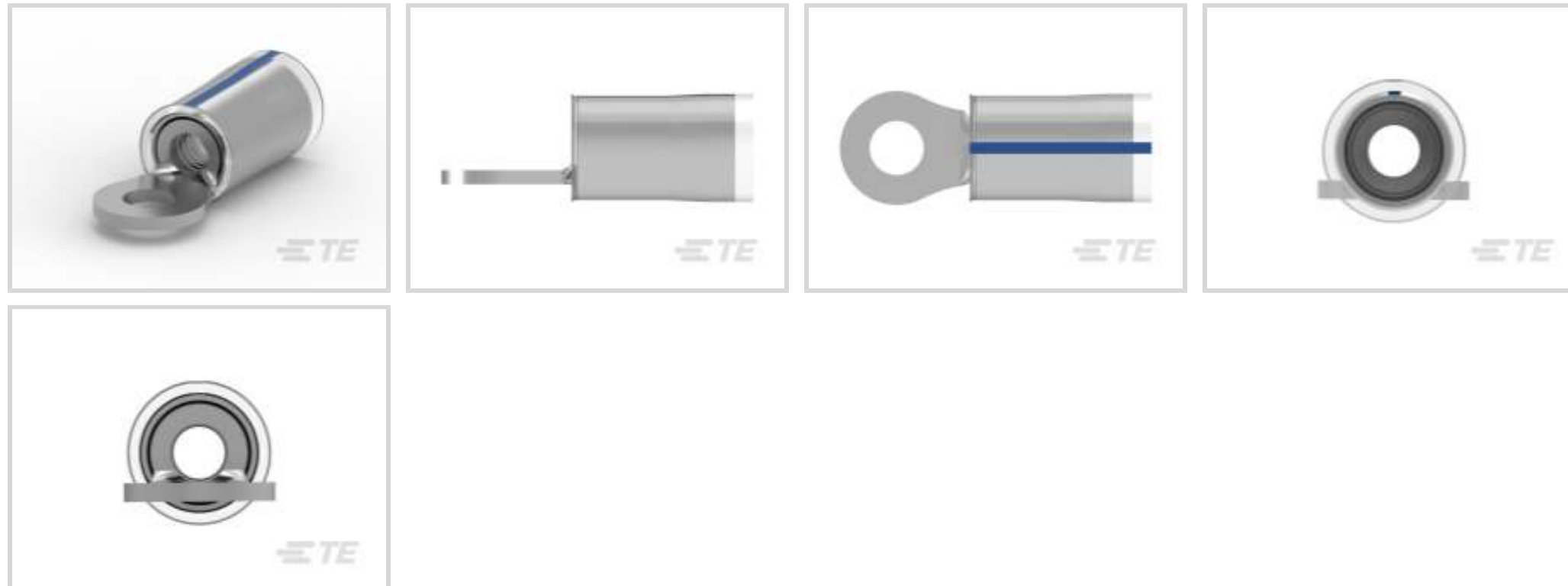
## PIDG

TE Internal #: 53414-1

Ring Terminals & Spade Terminals, Ring Tongue, 16 AWG Wire Size, 1.25 – 2 mm<sup>2</sup> Wire Size, 2050 – 5180 CMA Wire Size, Stud Size M2.5 / #4, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG Radiation Resistant C Rings/Spades



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

Wire Size: **2050 – 5180 CMA**

Stud Size: **#4, M2.5**

[All PIDG Radiation Resistant C Rings/Spades \(41\)](#)

## Features

### Product Type Features

|  |                    |
|--|--------------------|
| Stud Size                              | #4, M2.5           |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

### Configuration Features

|                 |   |
|-----------------|---|
| Number of Holes | 1 |
|-----------------|---|

### Body Features

|                         |         |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
| Stripe Color            | Blue    |

### Contact Features

|                            |             |
|----------------------------|-------------|
| Military Part Class        | Class I     |
| Ring & Spade Terminal Type | Ring Tongue |
| Barrel Type                | Closed      |
| Terminal Orientation       | Straight    |
| Terminal Plating Material  | Tin-Lead    |



### Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

### Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 2050 – 5180 CMA               |
| Stud Diameter                        | 3.02 mm[.119 in]              |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 17.85 mm[.703 in]             |
| Compatible Insulation Diameter (Max) | 3.81 mm[.15 in]               |
| Compatible Insulation Diameter Range | 2.67 – 3.81 mm[.105 – .15 in] |

### Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 150 °C[302 °F]      |

### Operation/Application

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

### Industry Standards

|                               |     |
|-------------------------------|-----|
| Government Qualified Terminal | Yes |
|-------------------------------|-----|

### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

### Product Compliance

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

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Not Compliant  |
| EU ELV Directive 2000/53/EC                   | Not Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (13% in Component Plating) |

#### Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

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 # 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 # 47387-7  
DAHT PG PIDG 16-12 ASSY



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



TE Part # 525691  
DAHT PG PIDG 16-14 ASSY



TE Part # 539691-2  
ERGO DIE R.B.Y



TE Part # 132246-3  
TERMINAL RING TONGUE PIDG 22 18



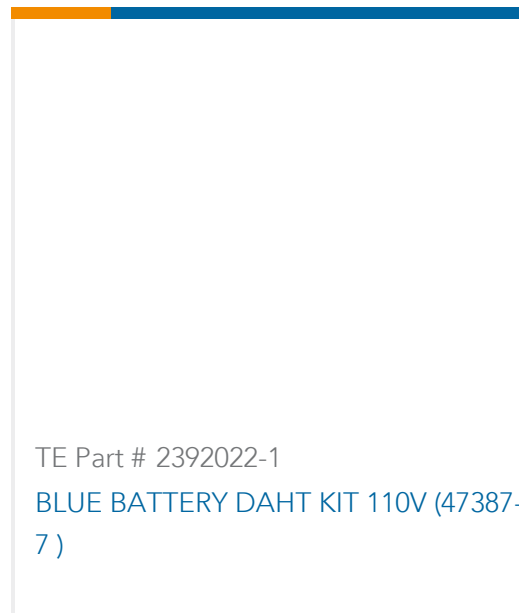
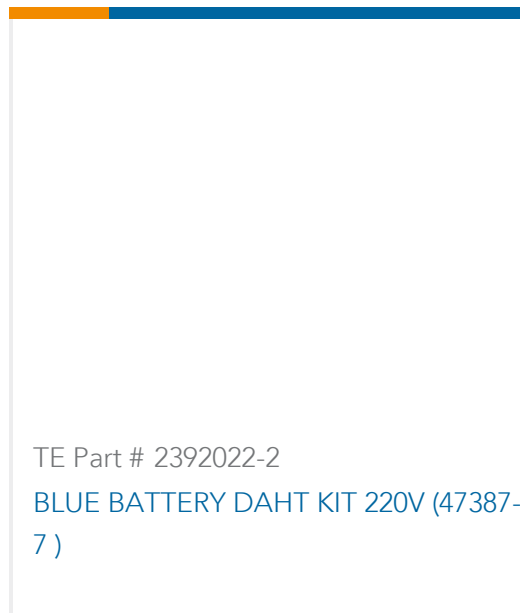
TE Part # 2063030-1  
SDE DIESET, RBY, UL



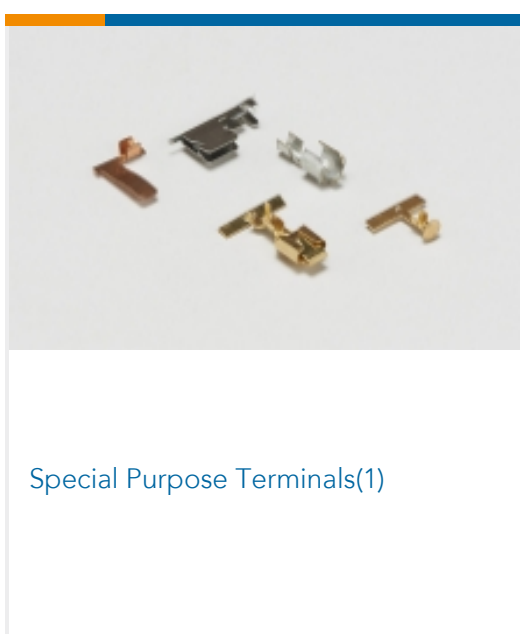
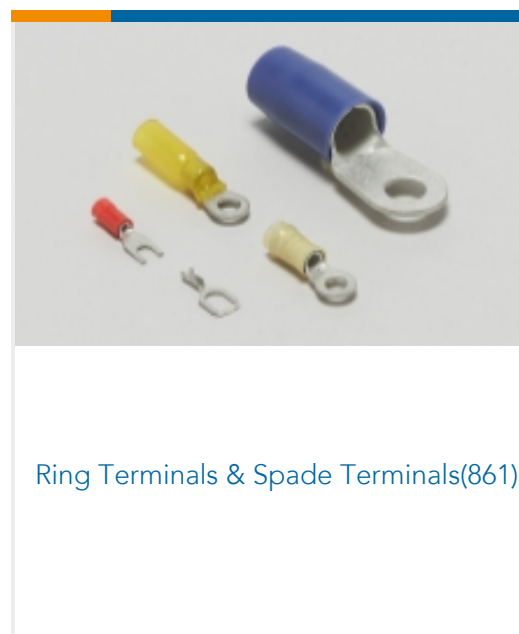
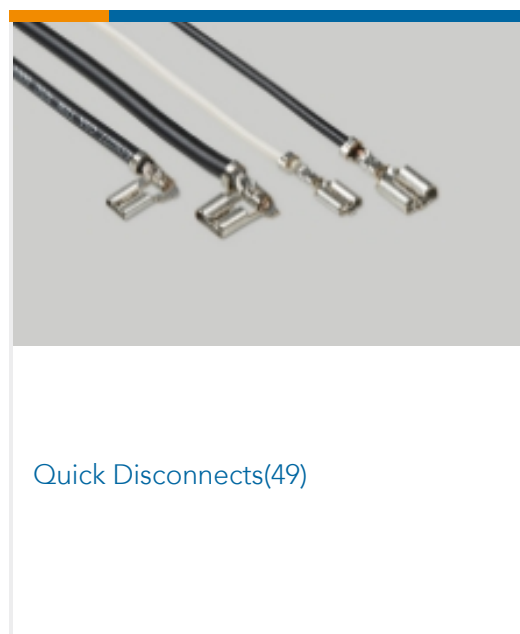
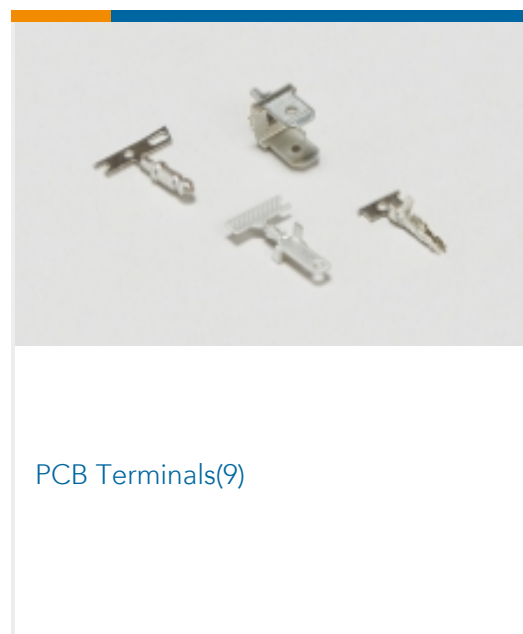
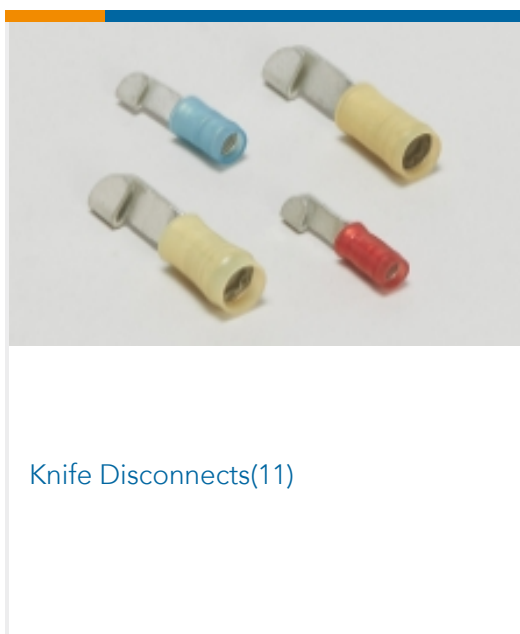
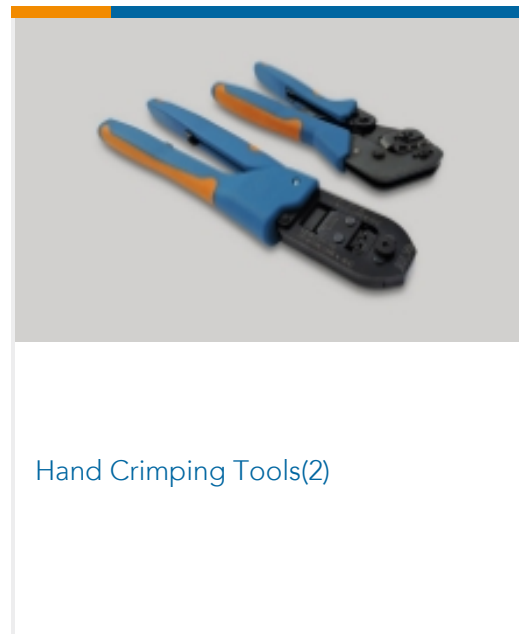
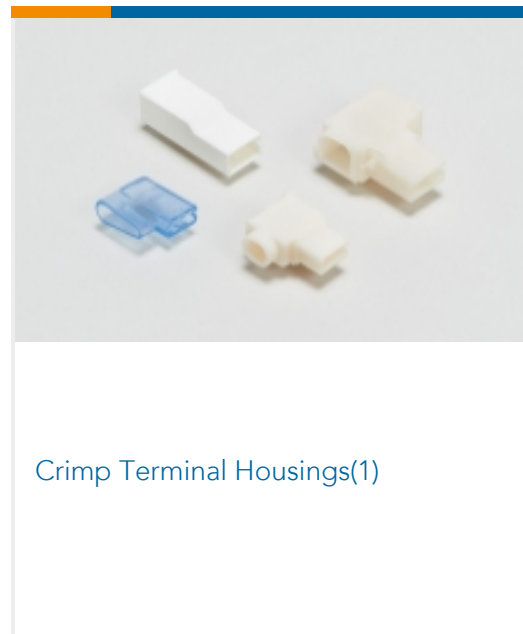
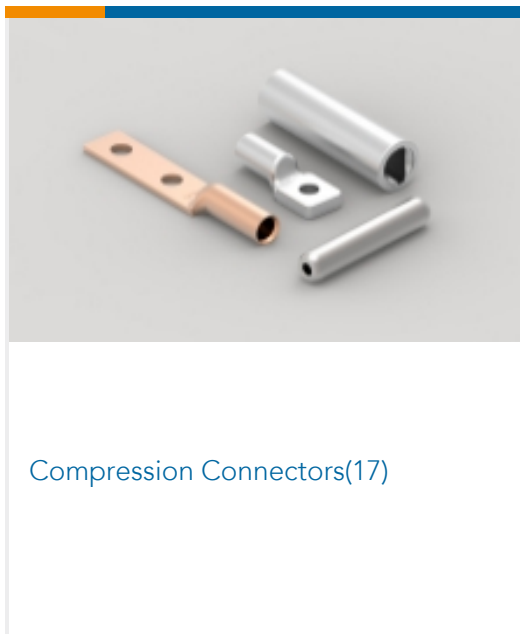
TE Part # 47807-1  
DIES PIDG 16-14 DIE SET



TE Part # 169400  
CERTI-LOK FRAME W/O DIES



Also in the Series | PIDG

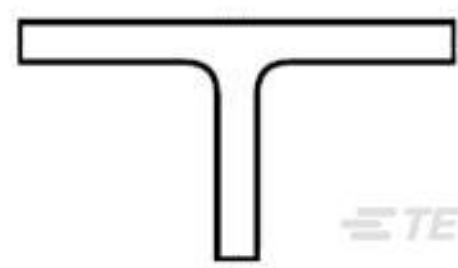


Customers Also Bought





TE Part #38946-16L  
CONT SOC ASSY



TE Part #496032-000  
301A511-71/42-0



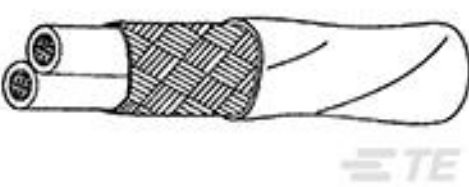
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TERMINAL,T-N R 6 10



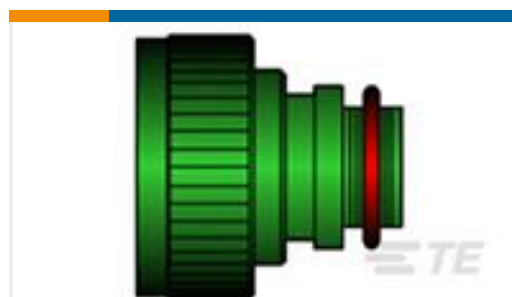
TE Part #1-5849587-1  
RECEPTACLE



TE Part #NB15704001  
RNF-150-1/2-0-SP



TE Part #CJ4028-000  
55FB7126-22-7L/7L6-0-G171



TE Part #CN7313-000  
TXS55AB00-1507AI



TE Part #CN7309-000  
TXS55AB90-3707AI

## Documents

### Product Drawings

[TERMINAL,PIDG PVF2 R 16-14 4](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_53414-1\\_N1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53414-1\\_N1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53414-1\\_N1.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Datasheets & Catalog Pages

[RADIATION\\_RESISTANT\\_PRE-INSULATED\\_TERMINALS\\_SPLICES](#)

English

### Product Specifications

[Application Specification](#)

English