

53408-1 ✓ ACTIVE



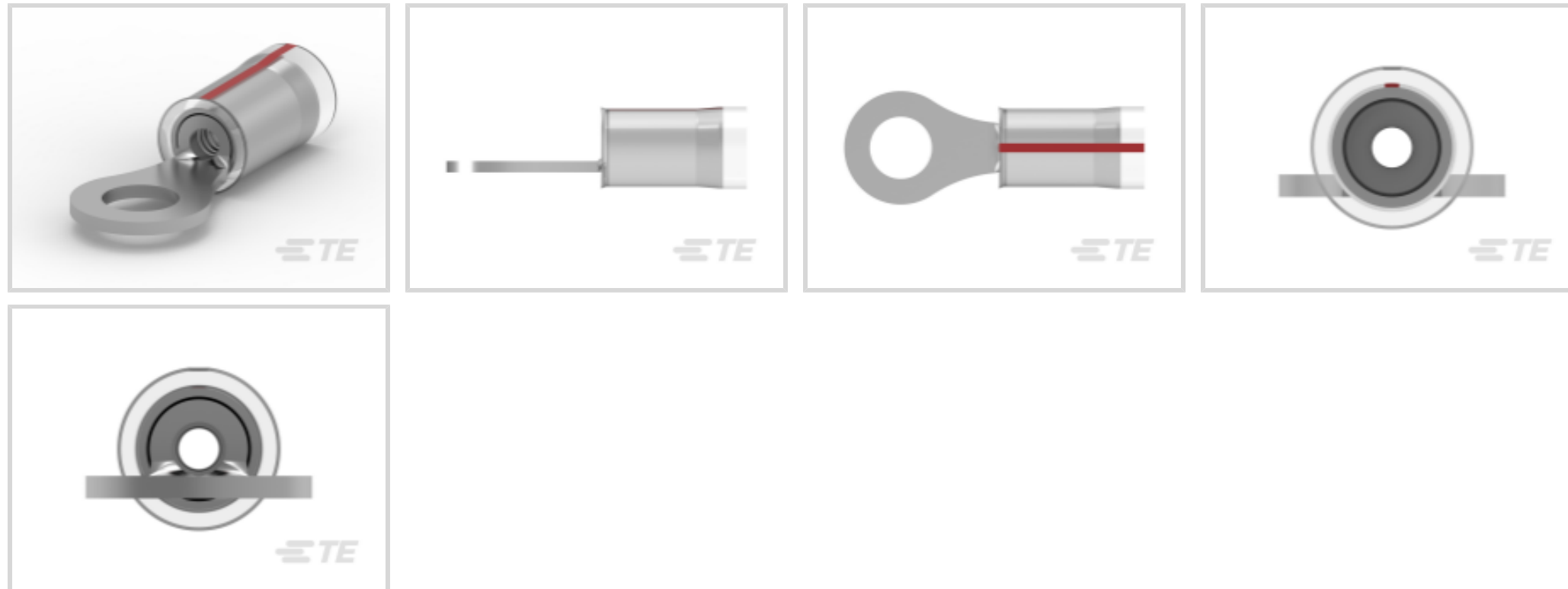
PIDG

TE Internal #: 53408-1

Closed Ring Tongue Terminal, 22 AWG, #8 / M4 Stud Size, 4.34 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead, Partially Insulated, PIDG

[View on TE.com >](#)

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



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 – 3260 CMA

Stud Size: #8, M4

[All PIDG Radiation Resistant C Rings/Spades \(39\)](#)

### Features

#### Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Configuration Features

Number of Holes	1
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#### Body Features

Insulation Sleeve Color	Natural
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#### Contact Features

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

#### Mechanical Attachment



Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.34 mm [.171 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	21.44 mm [.844 in]
Compatible Insulation Diameter (Max)	3.18 mm [.125 in]
Compatible Insulation Diameter Range	2.03 – 3.18 mm [.08 – .125 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
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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>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> 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 Low Halogen - contains Br or Cl > 900 ppm.

## Solder Process Capability

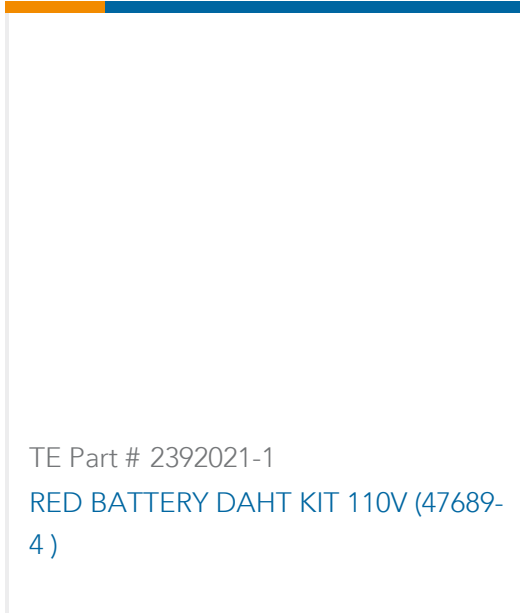
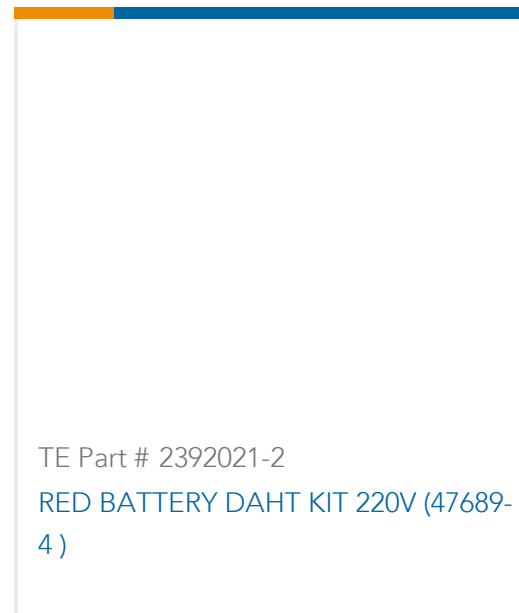
Not applicable for solder process capability

## Product Compliance Disclaimer

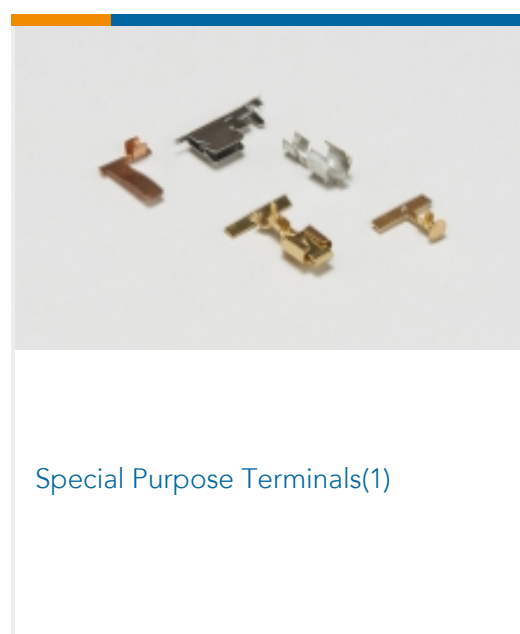
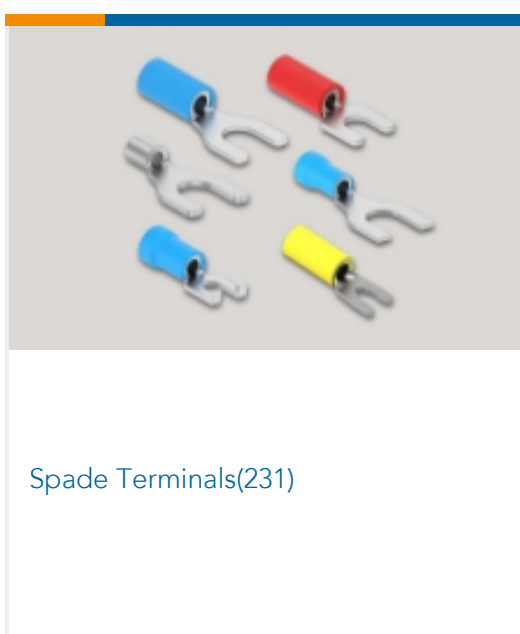
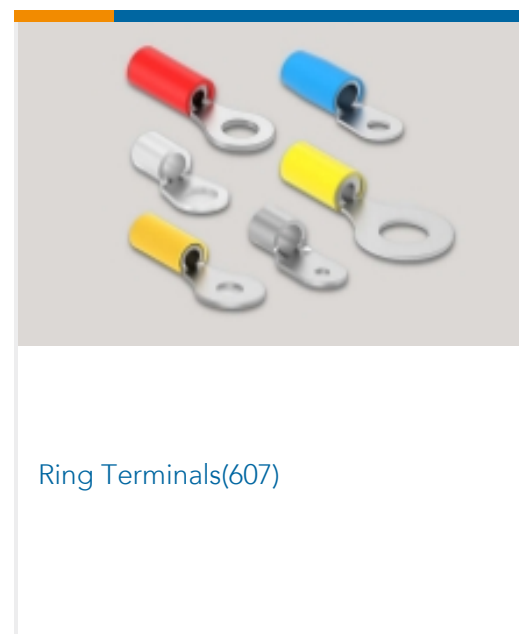
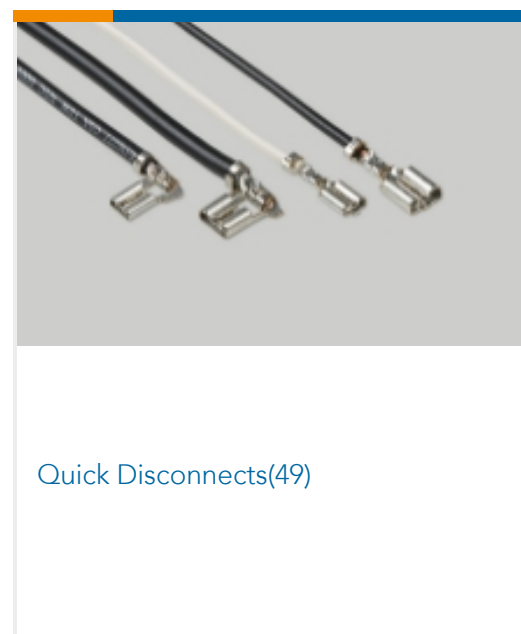
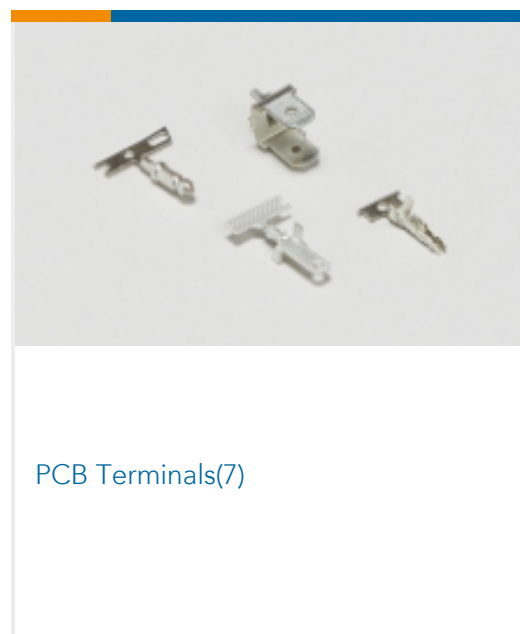
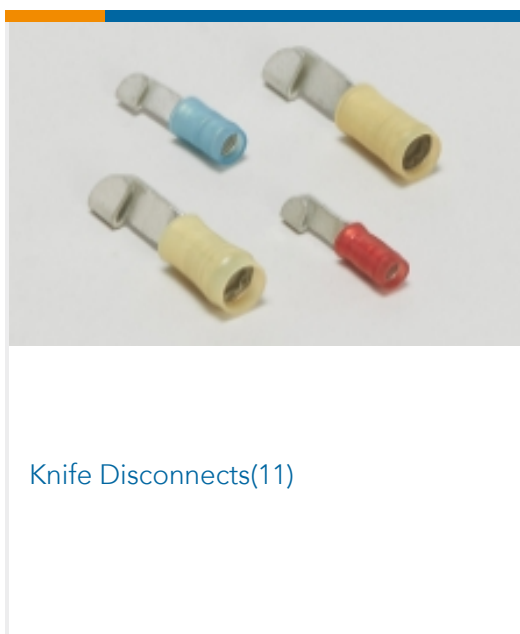
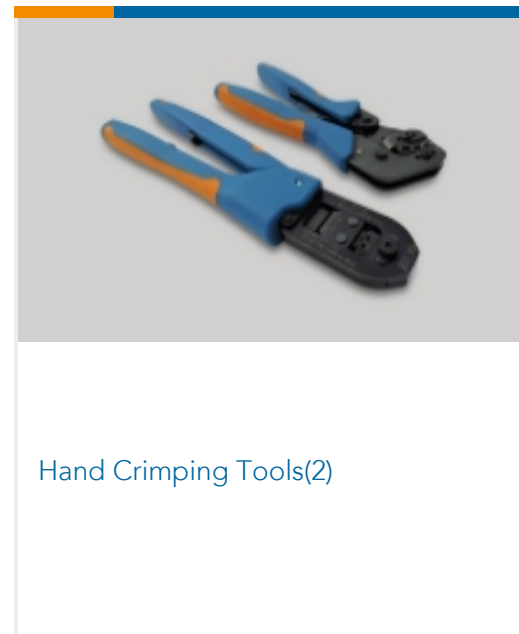
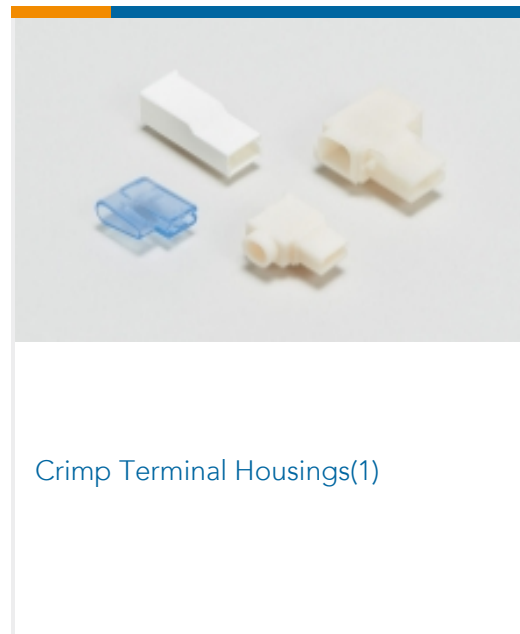
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | PIDG



Customers Also Bought



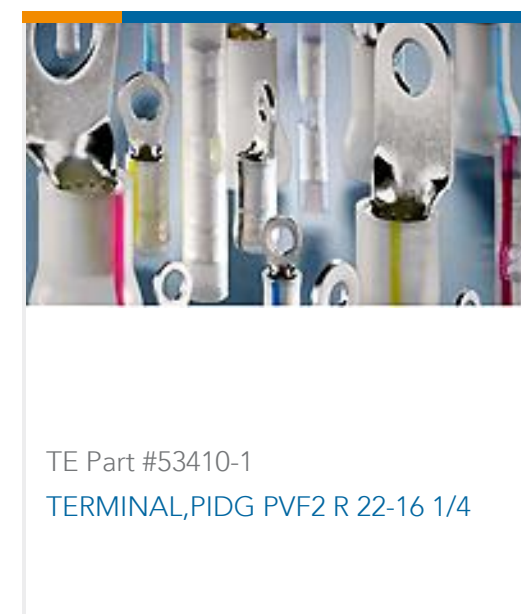
TE Part #5-104192-2  
10 SYSTEM 50 RCPT ASSY SRST SN



TE Part #1-2176381-9  
RQ 0805 19K1 0.1% 10PPM 5K RL



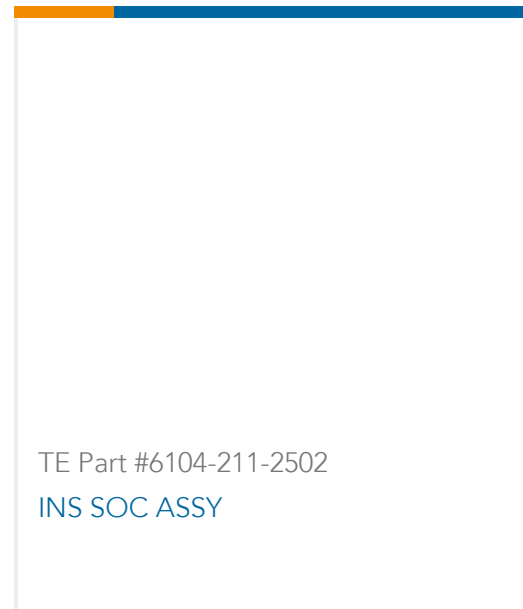
TE Part #53418-1  
PIDG Radiation Resistant C Rings /Spades



TE Part #53410-1  
TERMINAL,PIDG PVF2 R 22-16 1/4



TE Part #62827-1  
WELD TAB 24-22 AWG SST



TE Part #6104-211-2502  
INS SOC ASSY



TE Part #04ZZXLF015  
/HYB/2x22+/SH/PVC/UL2549/GY/-/

## Documents

### Product Drawings

[PIDG PVF2 R 22-16COM22-18MIL 8](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_53408-1\\_L.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_53408-1\\_L.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_53408-1\\_L.3d\\_stp.zip](#)

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

### Product Environmental Compliance

[MD\\_53408-1\\_05122015125\\_dmtec](#)

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