

53411-1 ✓ ACTIVE



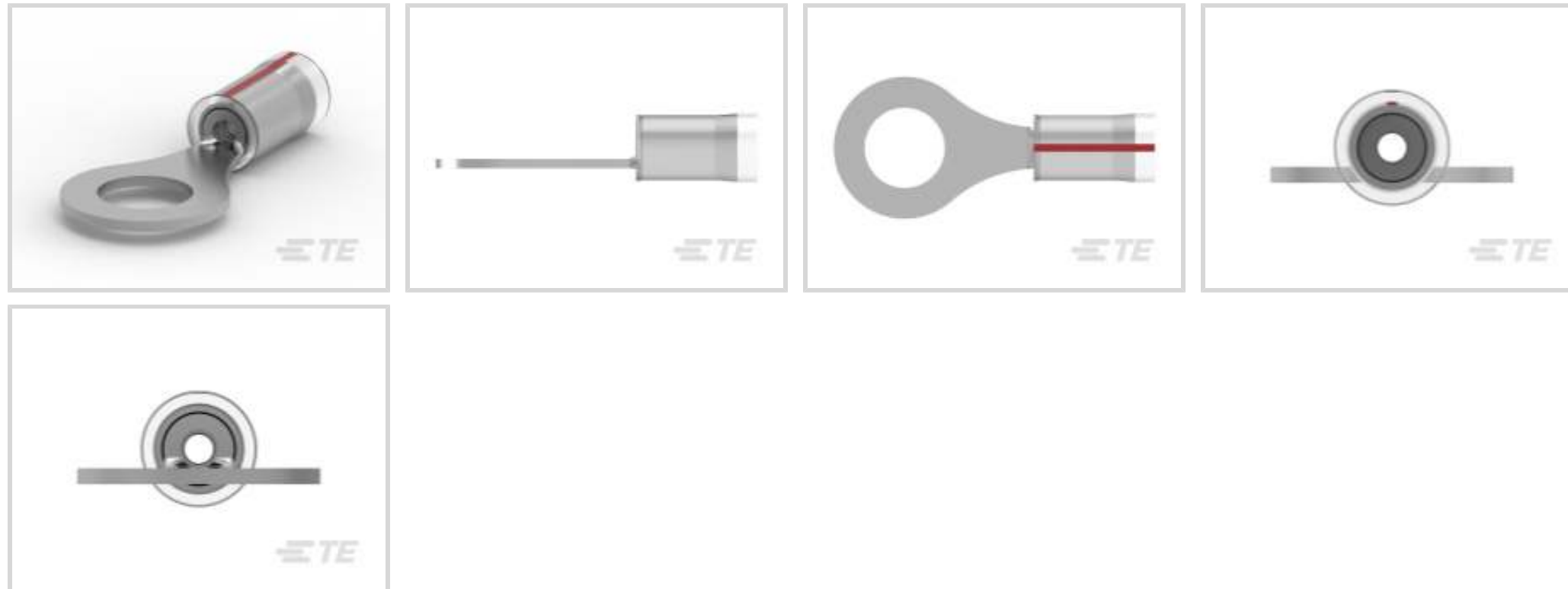
PIDG

TE Internal #: 53411-1

Ring Terminals & Spade Terminals, Ring Tongue, 22 AWG Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size, Stud Size M8 / 5/16, 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: **509 – 3260 CMA**

Stud Size: **5/16, M8**

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

### Features

#### Product Type Features

Stud Size	5/16, M8
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
Stripe Color	Red

#### 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
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### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	8.33 mm[.328 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	27.38 mm[1.078 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	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) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (13% in Component Part)

#### 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

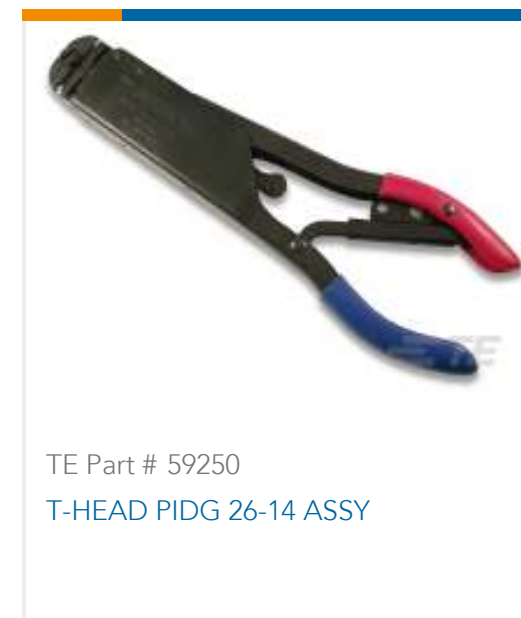
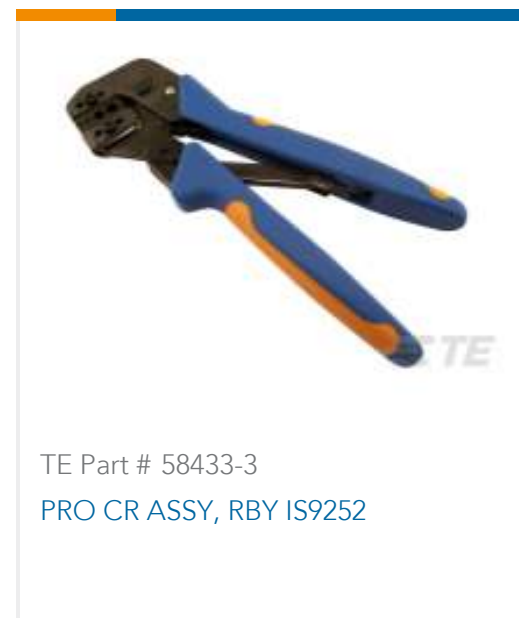
Solder Process Capability

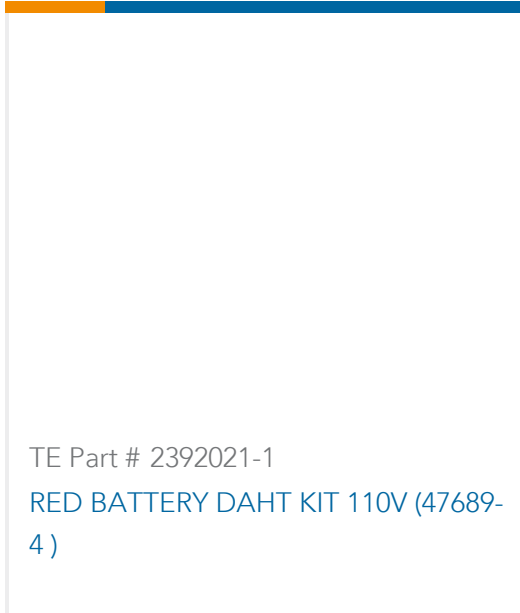
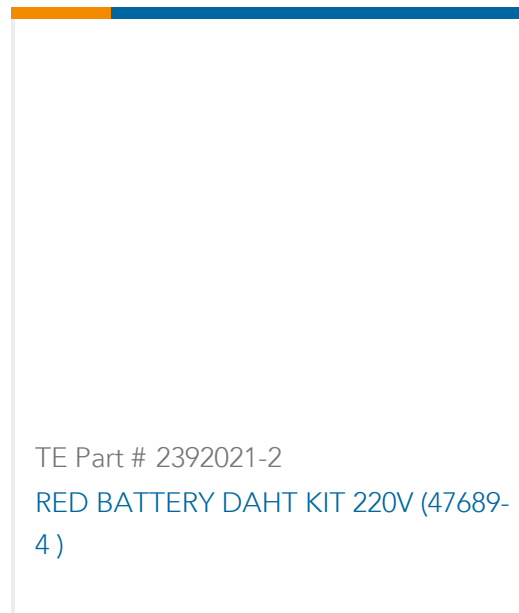
Not applicable for solder process capability

Product Compliance Disclaimer

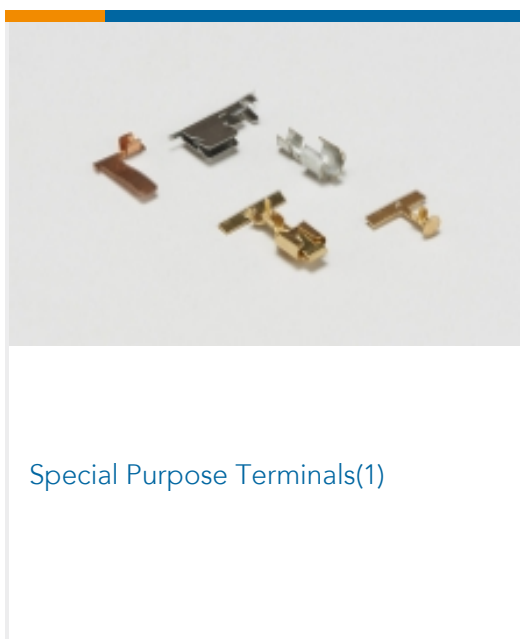
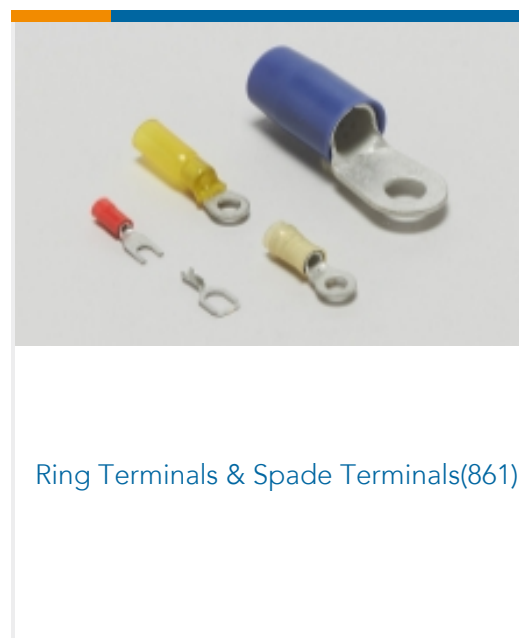
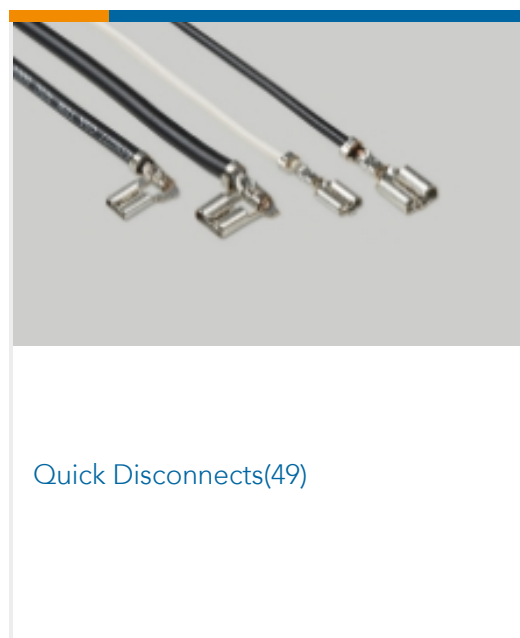
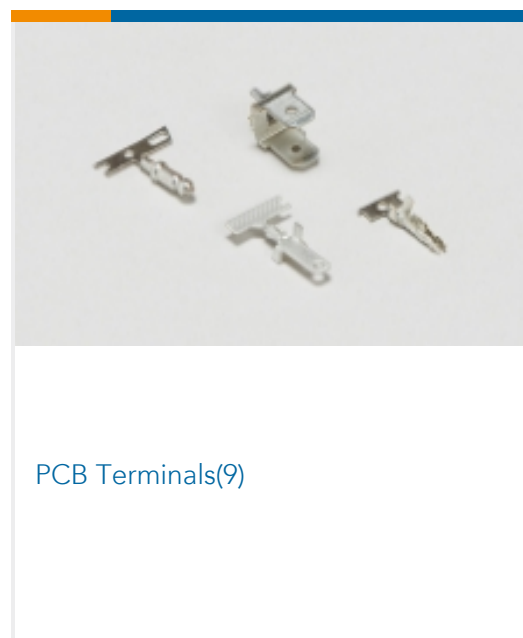
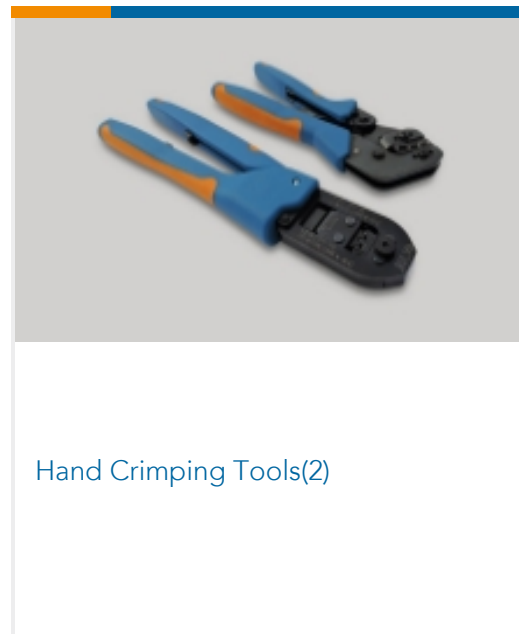
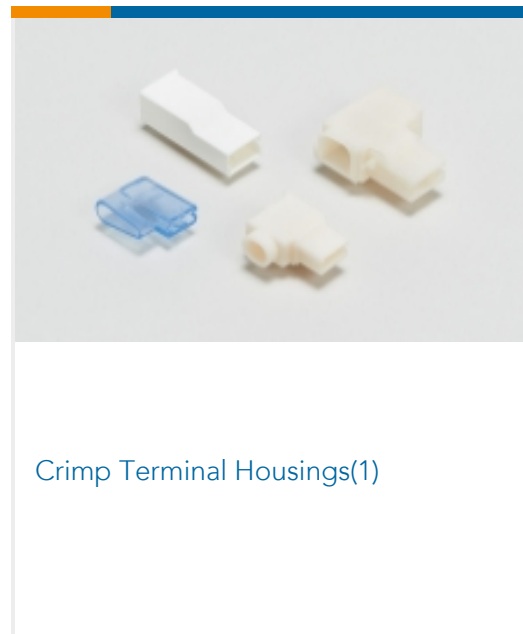
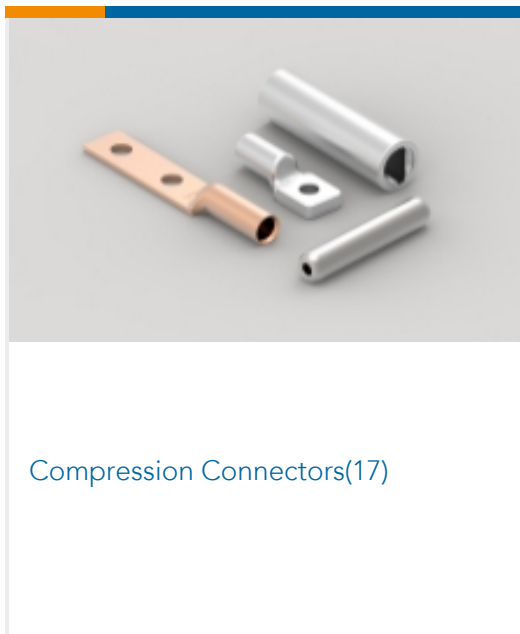
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





## Also in the Series | PIDG



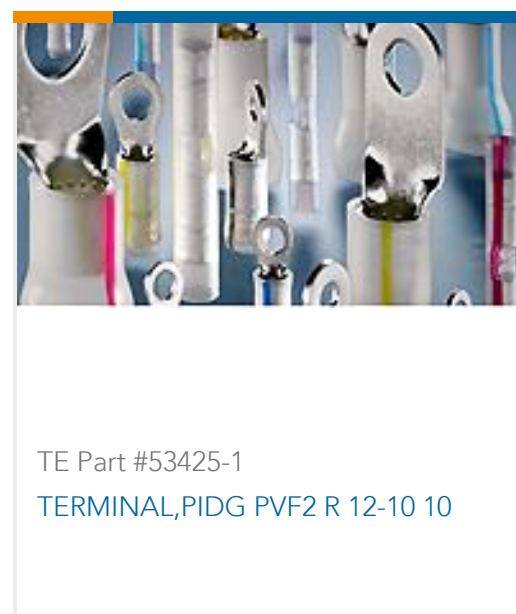
## Customers Also Bought



TE Part #DTM04-08PA  
REC, 8P, GRY, N, A



TE Part #1-1879450-8  
Wirewound Resistor: Mineral, 2.5 Kw



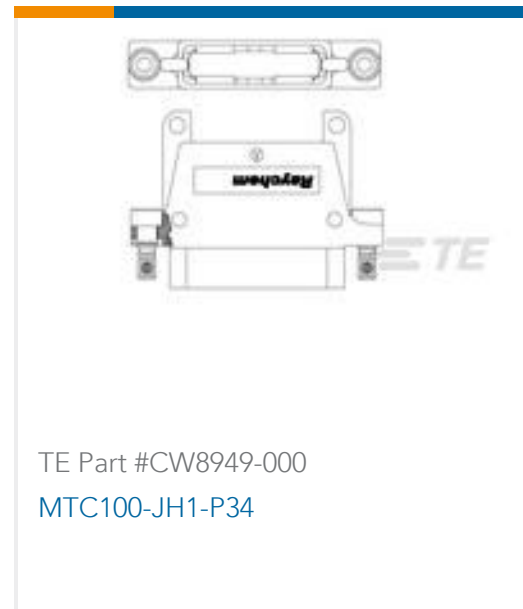
TE Part #53425-1  
TERMINAL, PIDG PVF2 R 12-10 10



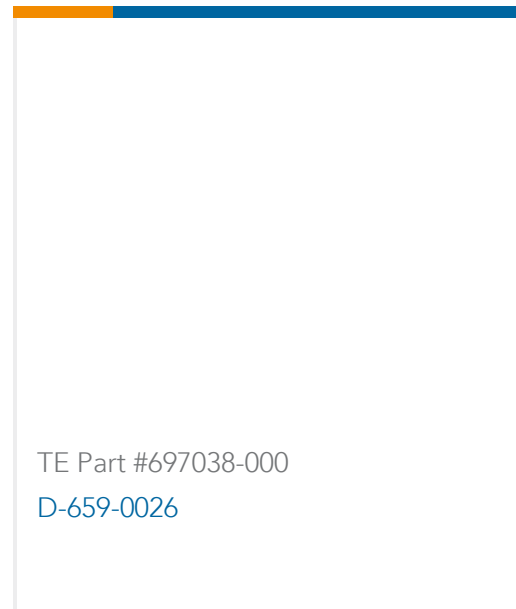
TE Part #CF2197-000  
7526D5314-0



TE Part #CX2097-000  
D-150-C-13



TE Part #CW8949-000  
MTC100-JH1-P34



TE Part #697038-000  
D-659-0026



TE Part #354969-1  
SPRING, EXTENSION



TE Part #CW8958-000  
MTC100-JH1-R34

## Documents

### Product Drawings

[PIDG PVF2 22-16COM22-18MIL5/16](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_53411-1\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53411-1\\_K.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53411-1\\_K.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

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### Product Specifications

### Application Specification

English