

1827625-1 ✓ ACTIVE

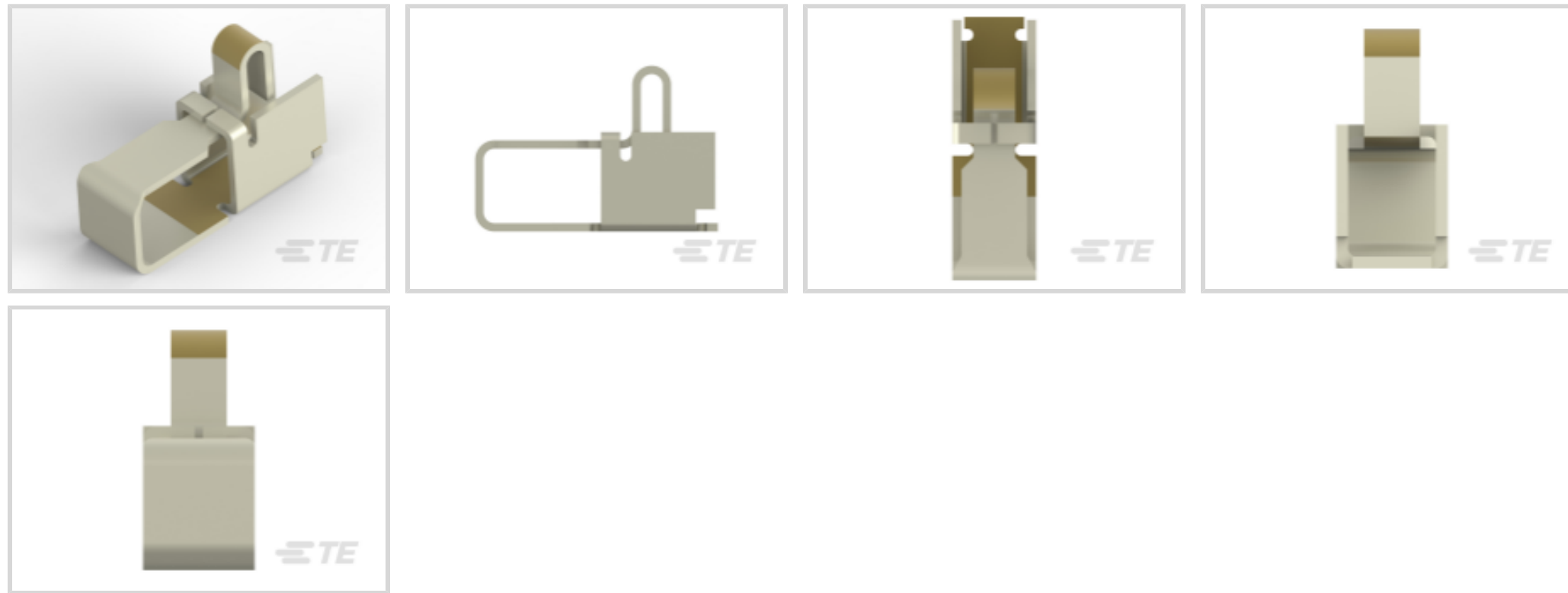


TE Internal #: 1827625-1

Preloaded - C-Clip Spring Contact, 2.8 mm [.11 in] High, Side Protected, 3 mm [.118 in] Uncompressed Height, 4.4 mm [.173 in] Length

[View on TE.com >](#)

Connectors > Contacts > PCB Spring Contacts



Spring Finger Type: **Preloaded - C-Clip**

Scalable: **No**

Side Protected: **Yes**

Uncompressed Height: **3 mm [.118 in]**

Product Length: **4.4 mm [.173 in]**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector System                  | Board-to-Board        |
| Spring Finger Type                | Preloaded - C-Clip    |
| Scalable                          | No                    |

### Configuration Features

|                     |     |
|---------------------|-----|
| Number of Positions | 1   |
| Side Protected      | Yes |

### Contact Features

|   |                |
|---|----------------|
| Contact Underplating Material                 | Nickel         |
| Contact Base Material                         | Copper Alloy   |
| PCB Contact Termination Area Plating Material | Gold           |
| Contact Working Range (Low)                   | 2 mm[.079 in]  |
| Contact Working Range (High)                  | 2.8 mm[.11 in] |
| Point of Contact Area Plating Material        | Gold           |



|                              |       |
|------------------------------|-------|
| Contact Current Rating (Max) | 1.5 A |
|------------------------------|-------|

### Dimensions

|                     |                  |
|---------------------|------------------|
| Uncompressed Height | 3 mm [.118 in]   |
| Product Length      | 4.4 mm [.173 in] |
| Product Width       | 1.4 mm [.055 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 85 °C [-40 – 185 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Tape & Reel |
| Packaging Quantity | 2500        |

### Product Compliance

[For compliance documentation, visit the product page on 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free  |
| Solder Process Capability                     | Reflow solder capable to 260°C  |

#### 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 # 2305018-2  
USB TYPE C, REC IPX8 ON BOARD  
DUAL SMT

## Customers Also Bought



TE Part #ZPF000000000015341  
DMC-M 43-01



TE Part #294257-E  
DRCQ 0,80 50 F \* SMD \* 137 E009 094  
GURT



TE Part #1-178297-2  
DYNAMIC S/ROW HDR 8P H ASSY  
PdNi & Au



TE Part #206036-3  
RECEPT, SZ 17-16, CPC



TE Part #1-292230-9  
1.5 MINI CT SGL V SMT W/BOSS 1



TE Part #1-316131-2  
DYNAMIC D-3200 HDR ASSY 6P H  
PdNi & Au



TE Part #1-917659-5  
DYNAMIC 3200 D/ROW REC HSG 10P



TE Part #1473565-3  
RITS CONN. HDR ASSY 3P



TE Part #1735042-6  
1MM FFC SMT V ASSY 6P EMBOSS



TE Part #1735042-8  
1MM FFC SMT V ASSY 8P EMBOSS

## Documents

### Product Drawings

SHIELD FINGER 3014 ANTI OVER STRESS TYPE

English



### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1827625-1\\_A1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1827625-1\\_A1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1827625-1\\_A1.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Product Specification

English