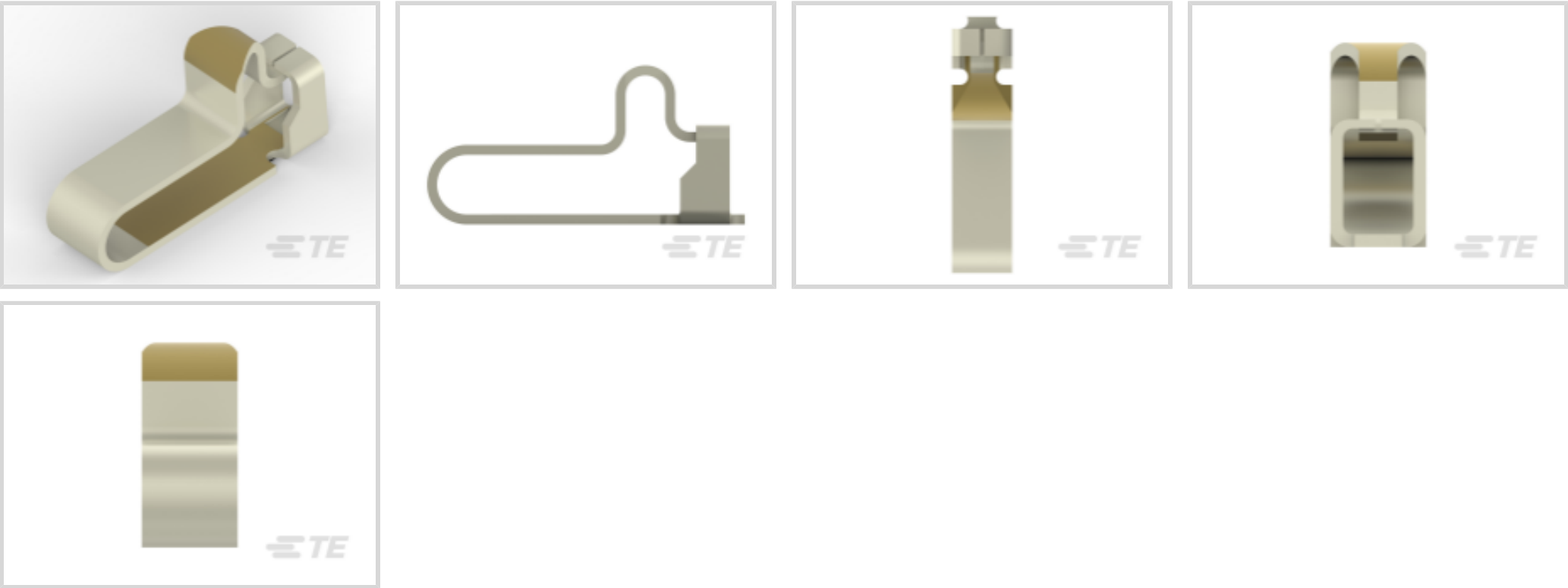




Connectors > Contacts > PCB Spring Contacts



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

Scalable: **No**

Side Protected: **No**

Uncompressed Height: **1.6 mm [ .063 in ]**

Product Length: **3.2 mm [ .126 in ]**

Features

Product Type Features

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

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 1  |
| Side Protected      | No |

Contact Features

|                                               |                 |
|-----------------------------------------------|-----------------|
| Contact Underplating Material                 | Nickel          |
| PCB Contact Termination Area Plating Material | Gold            |
| Contact Base Material                         | Copper Alloy    |
| Contact Working Range (Low)                   | 1 mm[.039 in]   |
| Contact Working Range (High)                  | 1.3 mm[.051 in] |
| Point of Contact Area Plating Material        | Gold            |
| Contact Current Rating (Max)                  | 1.5 A           |



Dimensions

|                     |                 |
|---------------------|-----------------|
| Uncompressed Height | 1.6 mm[.063 in] |
| Product Length      | 3.2 mm[.126 in] |
| Product Width       | .75 mm[.03 in]  |

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 5000        |
| Packaging Method   | Tape & Reel |

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 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability                     | Reflow solder capable to 245°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 #2040852-1  
SHIELD FINGER 0820 N-B WITH SE

TE Part #1447360-8  
SHIELD FINGER 1312 A TYPE

TE Part #2199248-4  
Shield Finger, Loose Piece, Type A, 1.0 h

TE Part #1565158-1  
SHIELD FINGER 1511

TE Part #1623927-4  
CFR16 5% 10K

TE Part #2306334-3  
SPRING FINGER 1.2H

TE Part #2329497-2  
SPRING FINGER 1.15H

TE Part #216012-005  
55A0111-22-0

TE Part #695992-000  
B-058-01

TE Part #C864813001  
RAY-90-3.0(100)

Documents

Product Drawings  
SHIELD FINGER 1608

English

CAD Files  
3D PDF  
3D





Customer View Model

[ENG\\_CVM\\_CVM\\_1565322-1\\_D1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1565322-1\\_D1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1565322-1\\_D1.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Products for Mobile Equipment](#)

English

Product Specifications

[Shield Finger 1608](#)

Japanese

[Product Specification](#)

Japanese