



TE Internal #: 1551576-5
PCB Spring Contact, Preloaded - C-Clip, Scalable, Uncompressed
Height 3.4 mm [.134 in], Length 3.26 mm [.128 in], Width .055 in [1.4 mm]
[View on TE.com >](#)

Connectors > PCB Connectors > Board-to-Board Connectors > PCB Spring Contacts > SPRING FINGERS



Spring Finger Type: **Preloaded - C-Clip**
Scalable: **Yes**
Side Protected: **No**
Uncompressed Height: **3.4 mm [.134 in]**
Contact Length: **3.26 mm [.128 in]**

[All SPRING FINGERS \(51\)](#)

Features

Product Type Features

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

Configuration Features

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

Contact Features

| | |
|---|------------------|
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Gold |
| Contact Base Material | Stainless Steel |
| Contact Length | 3.26 mm[.128 in] |



| | |
|--|-----------------|
| Contact Width | 1.4 mm[.055 in] |
| Contact Working Range (Low) | 2.5 mm[.098 in] |
| Contact Working Range (High) | 3.1 mm[.122 in] |
| Point of Contact Area Plating Material | Gold |
| Contact Current Rating (Max) | .5 A |

Dimensions

| | |
|---------------------|-----------------|
| Uncompressed Height | 3.4 mm[.134 in] |
|---------------------|-----------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 4000 |
| 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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 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 Model / Part # 2305018-2
USB TYPE C, REC IPX8 ON BOARD
DUAL SMT

Customers Also Bought

TE Model / Part #1-2176053-2
Thick Film Resistor: Current Sense

TE Model / Part #1775073-1
SPRING FINGERS

TE Model / Part #1-1734839-4
0.5mm FPC Connectors

TE Model / Part #2132415-9
EP2.5 Shrouded HDR ASSY 9P VERT w /o boss

TE Model / Part #1-1761465-1
PCI Express RA assy 5.8mm slot 3.1 mm pc

TE Model / Part #2118718-2
STD SHIELD FRAME, CRS-26.21X26.21X5.08MM

TE Model / Part #2246092-2
2pos compressive BtB conn

TE Model / Part #1571625-1
TACT,6X6,SMT,J-LEAD,50GF

Documents

Product Drawings
Shield Finger, 3.4mm

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1551576-5_A.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_1551576-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1551576-5_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English