

1674954-1 ✓ ACTIVE

TE Internal #: 1674954-1

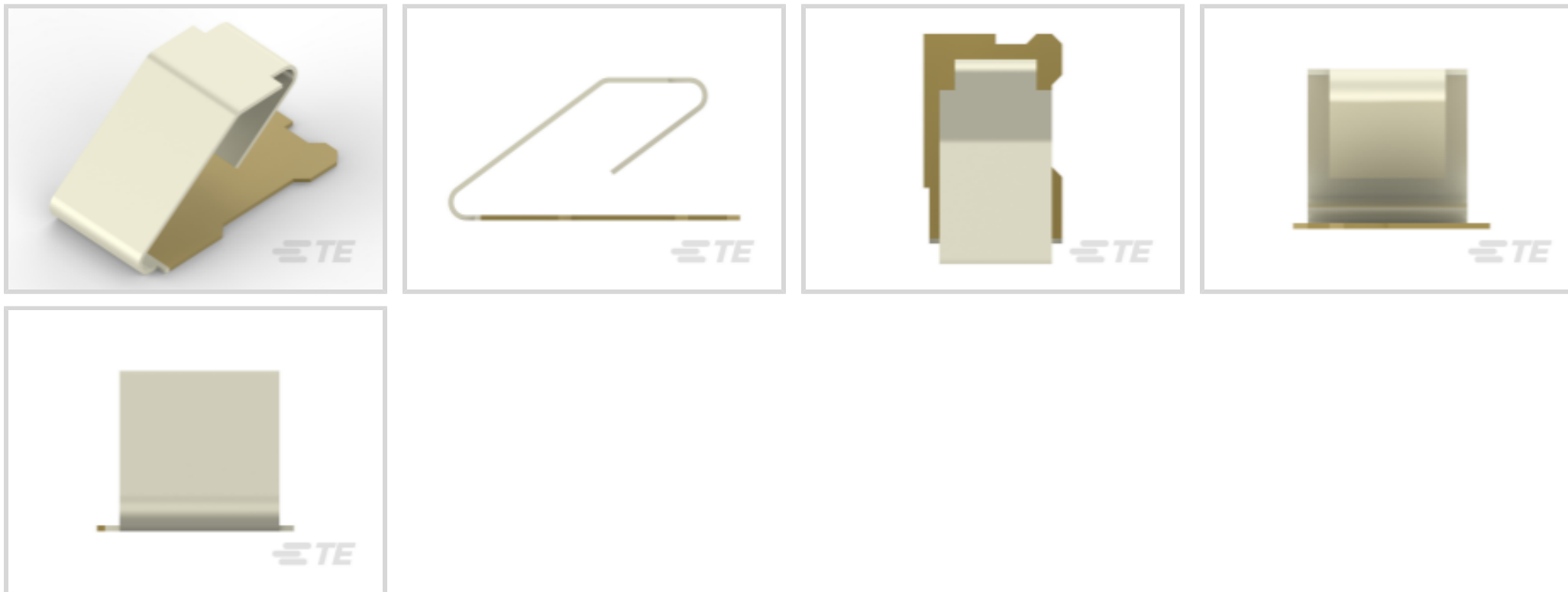
PCB Spring Contact, Box-Clip, Uncompressed Height 2 mm [.079 in], Length 4.5 mm [.177 in], Width 2 mm [.079 in], 1.1 mm [.043 in]

Working Range (Low)

[View on TE.com >](#)



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



Spring Finger Type: **Box-Clip**

Scalable: **No**

Side Protected: **No**

Uncompressed Height: **2 mm [.079 in]**

Product Length: **4.5 mm [.177 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Spring Finger Type | Box-Clip |
| Scalable | No |
| Connector System | Board-to-Board |
| 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 | Copper Alloy |
| Contact Working Range (Low) | 1.1 mm[.043 in] |
| Contact Working Range (High) | 1.5 mm[.059 in] |
| Point of Contact Area Plating Material | Gold |



| | |
|------------------------------|------|
| Contact Current Rating (Max) | .5 A |
|------------------------------|------|

Dimensions

| | |
|---------------------|------------------|
| Uncompressed Height | 2 mm [.079 in] |
| Product Length | 4.5 mm [.177 in] |
| Product Width | 2 mm [.079 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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 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 # 1857724-4
Shield Finger, Loose Piece



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



TE Part # 2286211-3
HIGH CURRENT SPRING FINGER

Customers Also Bought



TE Part #178305-5
DYNAMIC D3100D HDR H 10P ASSY SN



TE Part #1-178139-5
DYNAMIC 3200 HDR H 6P ASSY



TE Part #1-1123723-8
3.96 EP HDR ASSY 8P(NATURAL)



TE Part #1-1123723-7
3.96 EP HDR ASSY 7P(NATURAL)



TE Part #1-1123723-2
3.96 EP HDR ASSY 2P(NATURAL)



TE Part #1-1123724-3
3.96EP HDR ASSY 3(5)P NATURAL

TE Part #S4100120413-000
RPC-M12-FS-4CON-PG9-SH1

TE Part #S4114120403-000
RPC-M12B-MS-4CON-PG9-SH1



TE Part #T3310022000-000
CLIP-16,AD21.2

Documents

Product Drawings

[SHIELD FINGER 2026 WITH TAPE](#)

English

CAD Files

[3D PDF](#)



English

Customer View Model

[ENG_CVM_1674954-1_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1674954-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1674954-1_A1.3d_stp.zip](#)

English

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

Product Specifications

Shield Finger 2026

Japanese

Product Specification

Japanese

Product Environmental Compliance

[MD_1674954-1_0317201706_dmtec](#)

English

[MD_1674954-1_0317201706_dmtec](#)

English