

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
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### 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]
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### Operation/Application

Circuit Application	Signal
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### 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 2023 (235) 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.

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**Product Specifications**

**Shield Finger 2026**

Japanese

**Product Specification**

Japanese

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**Product Environmental Compliance**

**Product Compliance Document**

English

**Product Compliance Document**

English