



TE Internal #: 1746136-1  
Box-Clip PCB Spring Contact, Uncompressed Height 1.5 mm [.059 in], Length 3.4 mm [.134 in], Width 2 mm [.079 in], 1.1 mm [.043 in]  
Working Range (Low)  
[View on TE.com >](#)

Connectors > Contacts > PCB Spring Contacts



Spring Finger Type: **Box-Clip**  
Scalable: **No**  
Side Protected: **No**  
Uncompressed Height: **1.5 mm [ .059 in ]**  
Product Length: **3.4 mm [ .134 in ]**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Board-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |
| Spring Finger Type                | Box-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)                   | 1.1 mm[.043 in] |
| Contact Working Range (High)                  | 1.4 mm[.055 in] |
| Point of Contact Area Plating Material        | Gold            |



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

Dimensions

|                     |                 |
|---------------------|-----------------|
| Uncompressed Height | 1.5 mm[.059 in] |
| Product Length      | 3.4 mm[.134 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 Part # 2108611-5  
1.7H SPRING FINGER WITH EMBOSS

Customers Also Bought

TE Part #2-332095-2  
SOCKET,MIN-SPR W/KO AU SER-1

TE Part #1-2176056-9  
RLP73N 2B R056 5% 5K RL

TE Part #9-1879208-7  
CPF 0402 100K 0.1% 25PPM 1K RL

TE Part #1676480-3  
CRG0402 1% 10K

TE Part #2-1676480-2  
CRG0402 1% 1K0

TE Part #3-2176337-8  
CRGCQ 0402 12K 1%

TE Part #3-2176328-1  
CRGP 1206 3K3 1%

TE Part #3-2176328-3  
CRGP 1206 4K7 1%

TE Part #1-1879021-3  
SMW3 R33 5%

Documents

Product Drawings  
SHIELD FINGER 1520 AU PL VERSION  
Japanese

CAD Files  
3D PDF





English

Customer View Model

[ENG\\_CVM\\_1746136-1\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1746136-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1746136-1\\_O.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[Products for Mobile Equipment](#)

English

Product Specifications

[Application Specification](#)

English