# 1746136-1 - ACTIVE

TE Internal #: 1746136-1 Box-Clip PCB Spring Contact, 1.5 mm [.059 in] Uncompressed Height, 3.4 mm [.134 in] Length, 2 mm [.079 in] Width, 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 & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Spring Finger Type	Box-Clip
Scalable	No
Configuration Features	
Number of Positions	1
Side Protected	No
Contact Features	
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy Gold
PCB Contact Termination Area Plating Material	
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

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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 Method	Tape & Reel	
Packaging Quantity	5000	
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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

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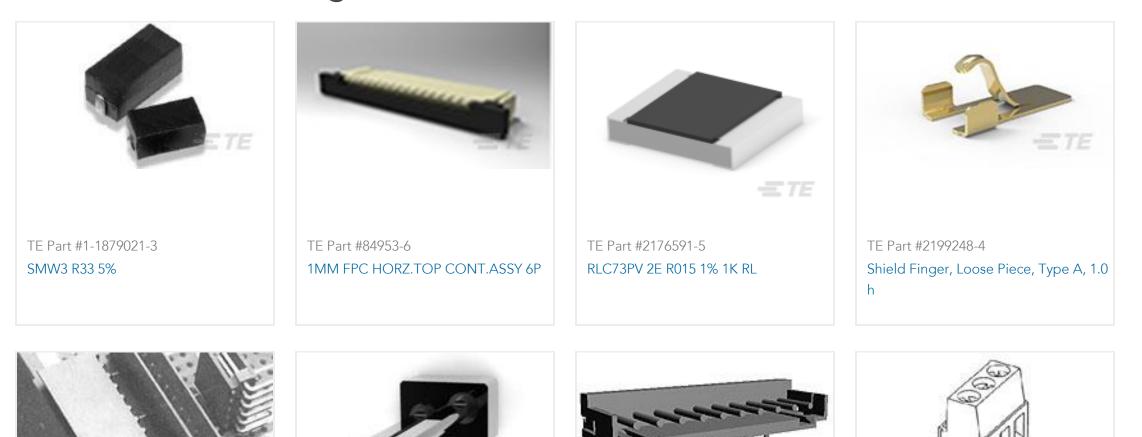
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### **Compatible Parts**



## Customers Also Bought



	TE IE			
TE Part #281695-3 HEADER HE14 STRAIGHT 3 P	TE Part #1-1469388-1 ATCA GUIDE MODULE VERT LONG PIN	TE Part #292253-4 CT CONN MT HDR ASSY H 4P NAT	TE Part #282841-2 TERMI-BLOK PCB MOUNT 2P. 5	



### Documents

Product Drawings SHIELD FINGER 1520 AU PL VERSION

English

CAD Files 3D PDF

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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

Products for Mobile Equipment

English

Product Specifications Application Specification

English