1447009-7 ✔ ACTIVE

TE Internal #: 1447009-7

C-Clip PCB Spring Contact, 3.5 mm [.138 in] Uncompressed Height, 4.5 mm [.177 in] Length, 2.5 mm [.098 in] Width, 2.5 mm [.098 in] Working Range (Low)

View on TE.com >

Connectors > Contacts > PCB Spring Contacts







Spring Finger Type: **C-Clip**

Scalable: **No**

Side Protected: **No**

Uncompressed Height: **3.5 mm [.138 in]**

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

Features

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	2000

Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Working Range (Low)	2.5 mm[.098 in]
Contact Working Range (High)	3 mm[.118 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	1.5 A

Configuration Features

Number of Positions	1
Side Protected	No

Product Type Features

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

Dimensions

Uncompressed Height	3.5 mm[.138 in]
Product Length	4.5 mm[.177 in]
Product Width	2.5 mm[.098 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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) 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 245°C

Product Compliance Disclaimer

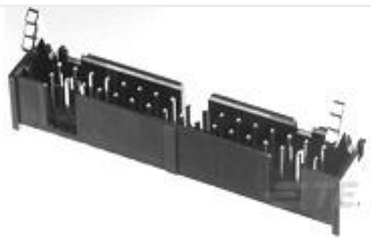
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1447009-8
SHIELD FINGER 3525Z

Customers Also Bought



TE Part #1761608-6
IDC LOW PRO HDR 16P VERT SHT LAT BLK



TE Part #3-2176330-6
CRGP 2010 8K2 1%



TE Part #1437259-6
3100089=SHIELD FINGER



TE Part #1571563-6
FSM14JSMAATR=TACT,SMT,T&R



TE Part #1-2106431-2
Connector, SMT-IDC PASS THRU, 2 POS, 20



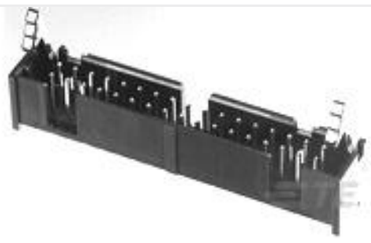
TE Part #1-2176090-9
RP 1J 0.166W 200K 0.1% 25PPM 1K RL



TE Part #2307729-6
6P,2MM,B-B,REC,DRHZ,SMD,0.1AU,TR



TE Part #5-104477-7
100 SYSTEM 50 HDR DRRA SHRD SN



TE Part #1761608-5
IDC LOW PRO HDR 14P VERT SHT L



TE Part #7-188275-4
MICRO-MATCH SMD FTE

Documents

Product Drawings

SHIELD FINGER 3525

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1447009-7_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1447009-7_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1447009-7_99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

SHIELD FINGER 3525/3525-Z

English

Product Specification

English