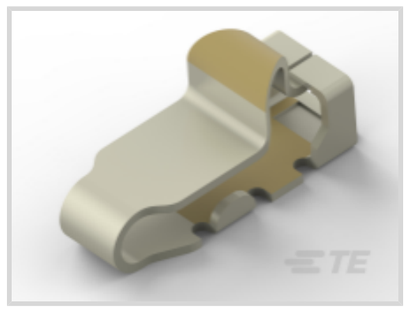
1565158-1 ✔ ACTIVE

TE Internal #: 1565158-1

PCB Spring Contact, Preloaded - C-Clip, Uncompressed Height 1.5 mm [.059 in], Length .122 in [3.1 mm], Width 1.1 mm [.043 in]

View on TE.com >

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



Spring Finger Type: **Preloaded - C-Clip**

Scalable: **No**

Side Protected: **No**

Uncompressed Height: **1.5 mm [.059 in]**

Contact Length: **3.1 mm [.122 in]**

Features

Product Type Features

Spring Finger Type	Preloaded - C-Clip
Scalable	No
Connector System	Board-to-Board
Sealable	No
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 Length	3.1 mm[.122 in]
Contact Width	1.1 mm[.043 in]
Contact Working Range (Low)	.9 mm[.035 in]

Contact Working Range (High)	1.3 mm[.051 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	1 A

Dimensions

Uncompressed Height	1.5 mm[.059 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>

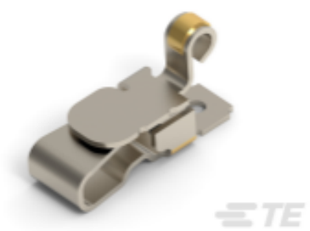
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 1551572-5
Shield Finger, Loose Piece

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

TE Part # 1-1447360-1
SHIELD FINGER 1410

Customers Also Bought

TE Part #178305-2
DYNAMIC D3100D HDR H 10P ASSY AU038

TE Part #6116173-1
INV MJ.1X1,PNL GRD,SHLD,LED (G/Y)

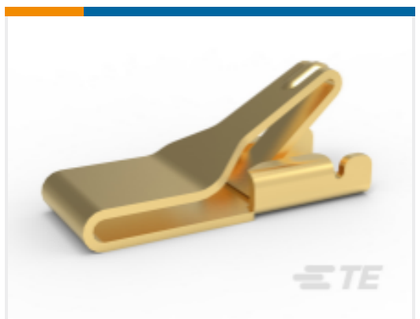
TE Part #1-2295018-2
USB TYPE C, REC OFFSET 0.65MM DUAL SMT

TE Part #1551572-5
Shield Finger, Loose Piece

TE Part #1674459-4
Std USB Type A, R/A,T/H, Natural, HighDur

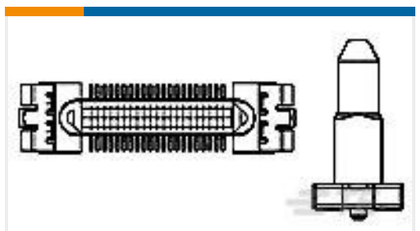
TE Part #1827625-1
SHIELD FINGER 3014 ANTI OVER STRESS TYPE

TE Part #1903646-1
SHIELD FINGER 3014 LOW FORCE



TE Part #2329497-2
SPRING FINGER 1.15H

TE Part #1903260-1
EMBOSS ASSY FOR 0.635 BAY CONN REC



TE Part #1903291-1
EMBOSS ASSY FOR 0.635 BAY CONN WITH BOSS

Documents

Product Drawings

SHIELD FINGER 1511

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1565158-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1565158-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1565158-1_G.3d_stp.zip

English

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

Datasheets & Catalog Pages

Products for Mobile Equipment

English

Spring Fingers Quick Reference Guide

English

Product Specifications

Product Specification

Japanese

Product Environmental Compliance

TE Material Declaration

English