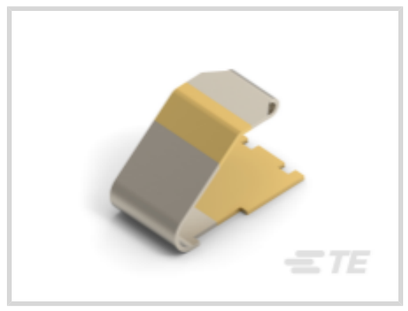
1871059-1 ✔ ACTIVE

TE Internal #: 1871059-1

PCB Spring Contact, C-Clip, Uncompressed Height 1.7 mm [.067 in], Length 2.7 mm [.106 in], Width .059 in [1.5 mm]

View on TE.com >

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







Spring Finger Type: **C-Clip**

Scalable: **No**

Side Protected: **No**

Uncompressed Height: **1.7 mm [.067 in]**

Contact Length: **2.7 mm [.106 in]**

Features

Product Type Features

Spring Finger Type	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	2.7 mm[.106 in]
Contact Width	1.5 mm[.059 in]
Contact Working Range (Low)	1.2 mm[.047 in]

Contact Working Range (High)	1.5 mm[.059 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	1.5 A

Dimensions

Uncompressed Height	1.7 mm[.067 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 1857724-4
Shield Finger, Loose Piece

Customers Also Bought



TE Part #1447009-8
SHIELD FINGER 3525Z



TE Part #1447360-8
SHIELD FINGER 1312 A TYPE



TE Part #1447009-7
SHIELD FINGER 3525



TE Part #1565322-1
SHIELD FINGER 1608



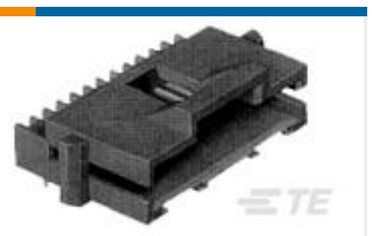
TE Part #1-794612-0
PIN CONT 20-24 TIN PLATE L/P



TE Part #7-2176307-3
RP 1E 0.1W 69K8 0.1% 25PPM 5K RL



TE Part #1-50871-9
Mini Spring Sockets: Open Bottom, 7.5 A



TE Part #104074-6
30 SYSTEM 50 HDR SRRA SHRD



TE Part #1410278-2
MULTIGIG RT PWR .8" VRT RCP 2P PBFR



TE Part #1-2176430-2
MPT35 6R8 5%

Documents

Product Drawings

SHIELD FINGER 1715 ON TAPE (EM

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1871059-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1871059-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1871059-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

Spring Fingers Quick Reference Guide

English

Product Environmental Compliance

TE Material Declaration

English