

1871059-1 ✓ ACTIVE

TE Internal #: 1871059-1

C-Clip PCB Spring Contact, Uncompressed Height 1.7 mm [.067 in],

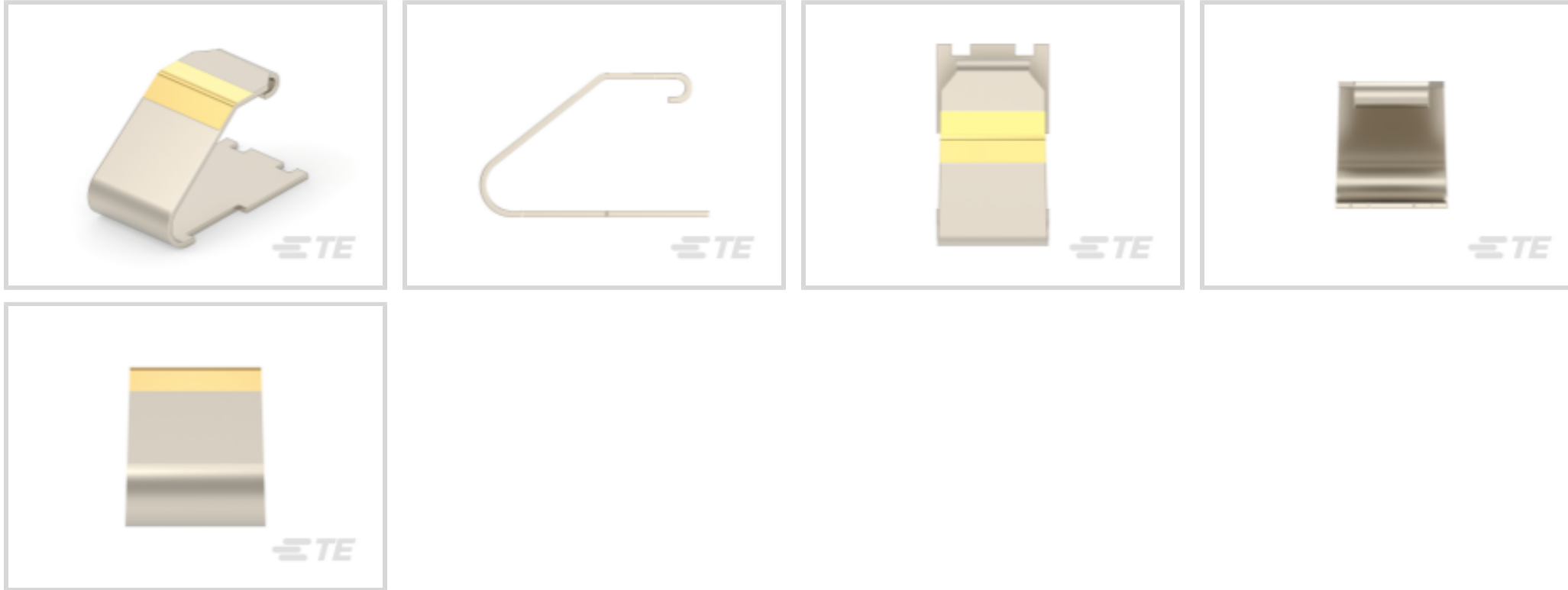
Length 2.7 mm [.106 in], Width 1.5 mm [.059 in], 1.2 mm [.047 in]

Working Range (Low)

[View on TE.com >](#)



Connectors > Contacts > PCB Spring Contacts



Spring Finger Type: **C-Clip**

Scalable: **No**

Side Protected: **No**

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

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

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Spring Finger Type	C-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)	1.2 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
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Dimensions

Uncompressed Height	1.7 mm [.067 in]
Product Length	2.7 mm [.106 in]
Product Width	1.5 mm [.059 in]

Usage Conditions

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

Circuit Application	Signal
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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) 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>



Compatible Parts



TE Part # 1857724-4
Shield Finger, Loose Piece

Customers Also Bought



TE Part #281739-3
HE13/HE14 TH Headers, DRST



TE Part #1447360-9
3100069=SEALED FINGER 1715EMBOS



TE Part #4160-204-1631L
CONT PIN



TE Part #1437624-6
PK50B1/4=KNOB PLASTIC BLK 1/4



TE Part #5353928-1
Std USB Type A, R/A, SMT, Offset, Panel



TE Part #2176378-1
RQ 0805 10R 0.1% 10PPM 5K RL



TE Part #T4082102004-000
M8 T DISTRIBUTOR MALE 4POS



TE Part #2301835-2
AMPL PLUG HD20, VERT, 25P, B/L, 4-40 S/LO



TE Part #1571262-4
SWITCH,TACTILE,SMT,W/BOSS,T&R

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

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