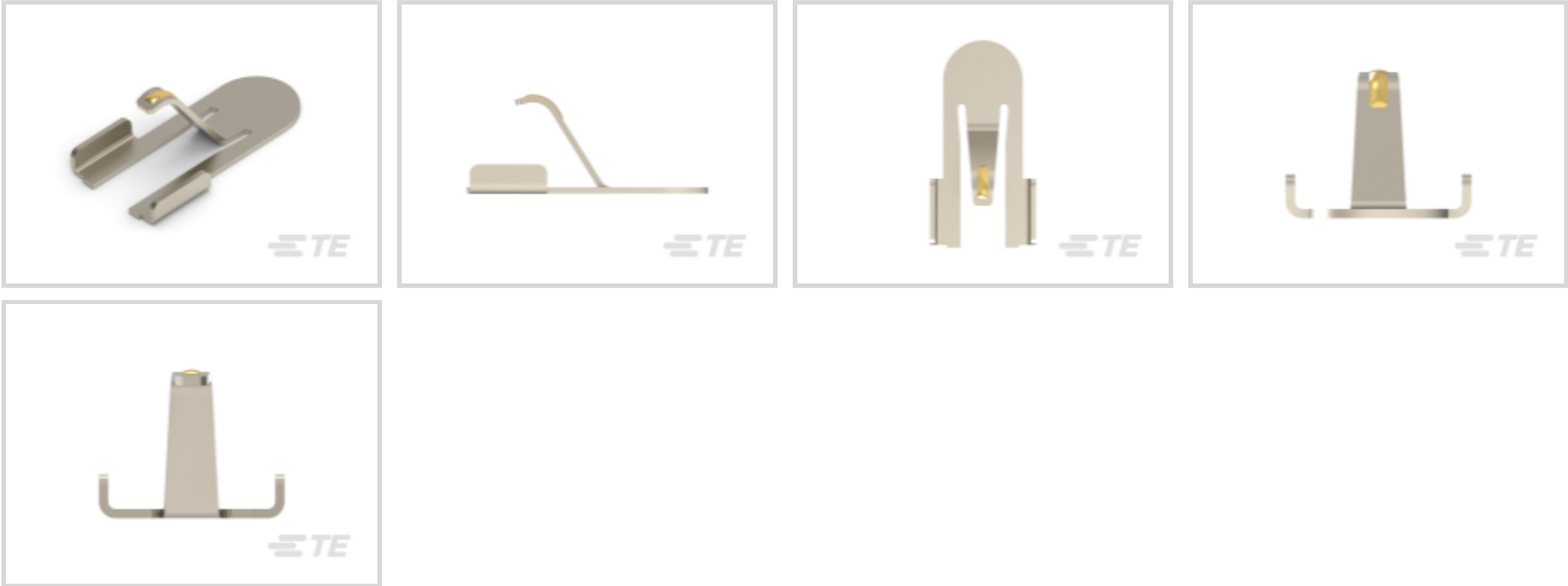




TE Internal #: 2199248-6  
C-Clip PCB Spring Contact, Scalable, Side Protected,  
Uncompressed Height 1.6 mm [.063 in], Length 3.9 mm [.154 in],  
Width 2 mm [.079 in]  
[View on TE.com >](#)

Connectors > Contacts > PCB Spring Contacts



Spring Finger Type: **C-Clip**  
Scalable: **Yes**  
Side Protected: **Yes**  
Uncompressed Height: **1.6 mm [ .063 in ]**  
Product Length: **3.9 mm [ .154 in ]**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Spring Finger Type	C-Clip
Scalable	Yes

Configuration Features

Number of Positions	1
Side Protected	Yes

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Stainless Steel
Contact Working Range (Low)	.8 mm[.031 in]
Contact Working Range (High)	1.4 mm[.055 in]
Point of Contact Area Plating Material	Gold

Contact Current Rating (Max)	2 A
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Dimensions

Uncompressed Height	1.6 mm[.063 in]
Product Length	3.9 mm[.154 in]
Product Width	2 mm[.079 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	8000
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 # 2108611-5  
1.7H SPRING FINGER WITH EMBOSS

TE Part # 2336713-2  
SPRING FINGER 1.45H

Customers Also Bought

TE Part #5177986-5  
0.8FH,P05H.5,120,08/Sn,TR,SC

TE Part #7-338069-4  
Female-on-Board Connector, Top Entry

TE Part #806878-000  
222D232-25-0

TE Part #9-2176070-0  
3521 51K 1% 2W

TE Part #5-103634-4  
05 MTE HDR SRRA LATCH.100CL LF

TE Part #36161  
TERMINAL,PIDG R 12-10 10

TE Part #292253-5  
CT CONN MT HDR ASSY H 5P NAT

TE Part #1-1734839-0  
FPC CONN. 0.5MM PITCH T/C,10P

Documents

Product Drawings

Shield Finger, Loose Piece, Type A, 1.6h

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2199248-6\_A3.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2199248-6\_A3.3d\_igs.zip

English

Customer View Model

2199248-6

C-Clip PCB Spring Contact, Scalable, Side Protected, Uncompressed Height 1.6 mm [.063 in], Length 3.9 mm [.154 in], Width 2 mm [.079 in]



ENG\_CVM\_CVM\_2199248-6\_A3.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English