

2199001-1 ✓ ACTIVE

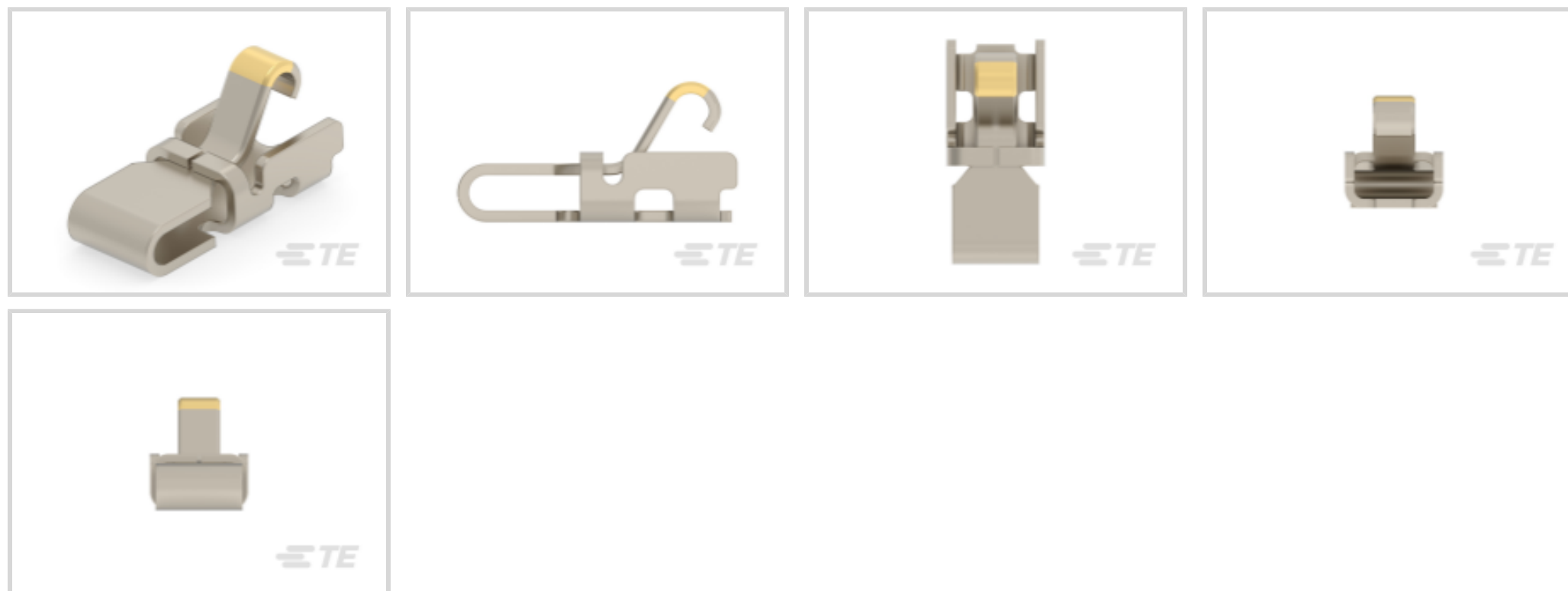
TE Internal #: 2199001-1

PCB Spring Contact, Preloaded - C-Clip, Side Protected,
Uncompressed Height 1.2 mm [.047 in], Length .094 in [2.4 mm],
Width 1.05 mm [.041 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: **Yes**

Uncompressed Height: **1.2 mm [.047 in]**

Contact Length: **2.4 mm [.094 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	Yes
Number of Positions	1

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Length	2.4 mm[.094 in]
Contact Width	1.05 mm[.041 in]



Contact Working Range (Low)	.7 mm[.028 in]
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Contact Working Range (High)	1 mm[.039 in]
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Point of Contact Area Plating Material	Gold
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Contact Current Rating (Max)	1.5 A
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Dimensions

Uncompressed Height	1.2 mm[.047 in]
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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
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Packaging Method	Tape & Reel
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # 1513431-2
PCB ANTENNA SINGLE BAND BULK PKG



TE Part # 1513431-1
PCB ANTENNA SINGLE BAND TAPE AND REELED



TE Part # 2118310-1
4G World Band, MetaSpan, Tab Mt. PCB



TE Part # 1513430-1
PCB ANTENNA SINGLE BAND TAPE AND REELED



TE Part # 1513156-1
PCB ANTENNA TAPE & REELED PACKED



TE Part # 1513168-1
PCB Antenna Single Band



TE Part # 1513430-2
PCB ANTENNA SINGLE BAND BULK PKGD



TE Part # 2118614-1
ANTENNA, LTE, METASPAN, PCB, TAB MOUNT



TE Part # 2118908-1
PCB WLAN TRIPLE BAND BULK PACKAGED



TE Part # 2118908-2
PCB, WLAN TRIPLE BAND TAPE AND REELED



TE Part # 2195728-1
LTE + GNSS ANTENNA



TE Part # 2118903-1
LTE/Cell Band Antenna



TE Part # 2134078-1
SHILED FINGER 1210 EMBOSS PACKING



TE Part # 1513156-2
PCB SINGLE BAND ANTENNA BULK PACKED



TE Part # 1513169-1
PCB ANTENNA SINGLE BAND



TE Part # 1513273-1
PCB Antenna DUAL BAND US EU



TE Part # 1513317-1
PCB ANTENNA PENTA BAND



TE Part # 1513353-1
PCB ANTENNA SINGLE BAND



TE Part # 2118016-1
PCB ANTENNAS, WLAN DUAL BAND



TE Part # 1513247-1
PCB US DUAL BAND ANTENNA

Customers Also Bought



TE Part #2176382-5
RQ 0805 147K 0.1% 10PPM 5K RL



TE Part #1565918-4
EMBOSS ASSY DDR2 SODIMM
SOCKET 200P 5.2H



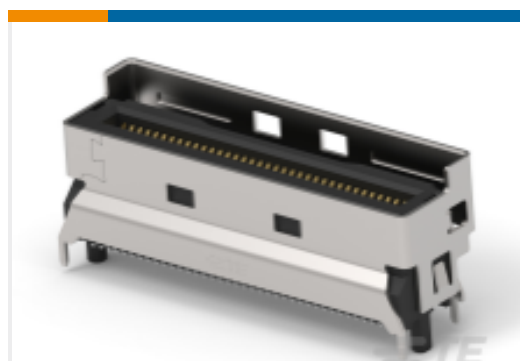
TE Part #2-1379700-2
4W TH HEADER ASSY GREY



TE Part #2327679-8
RECEPTACLE ASSY, 56 POS, VERT,
GEN Z



TE Part #2386586-1
FINE PITCH BTB CONN H0.8, 8P



TE Part #1-2379397-7
MCIO INTERGRATED CONN, V/T, 8X,
SMT TYPE



TE Part #2320065-1
MINI IO CABLE ASSEMBLY



TE Part #2320065-2
MINI IO CABLE ASSEMBLY



TE Part #2333781-1
MINI IO TO RJ45 CABLE ASSEMBLY



TE Part #2344604-2
50 AMP CARD EDGE ASSEMBLY

Documents

Product Drawings

[SHIELD FINGER 1210 EMBOSS PACKING](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_2199001-1_A.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_2199001-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2199001-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English