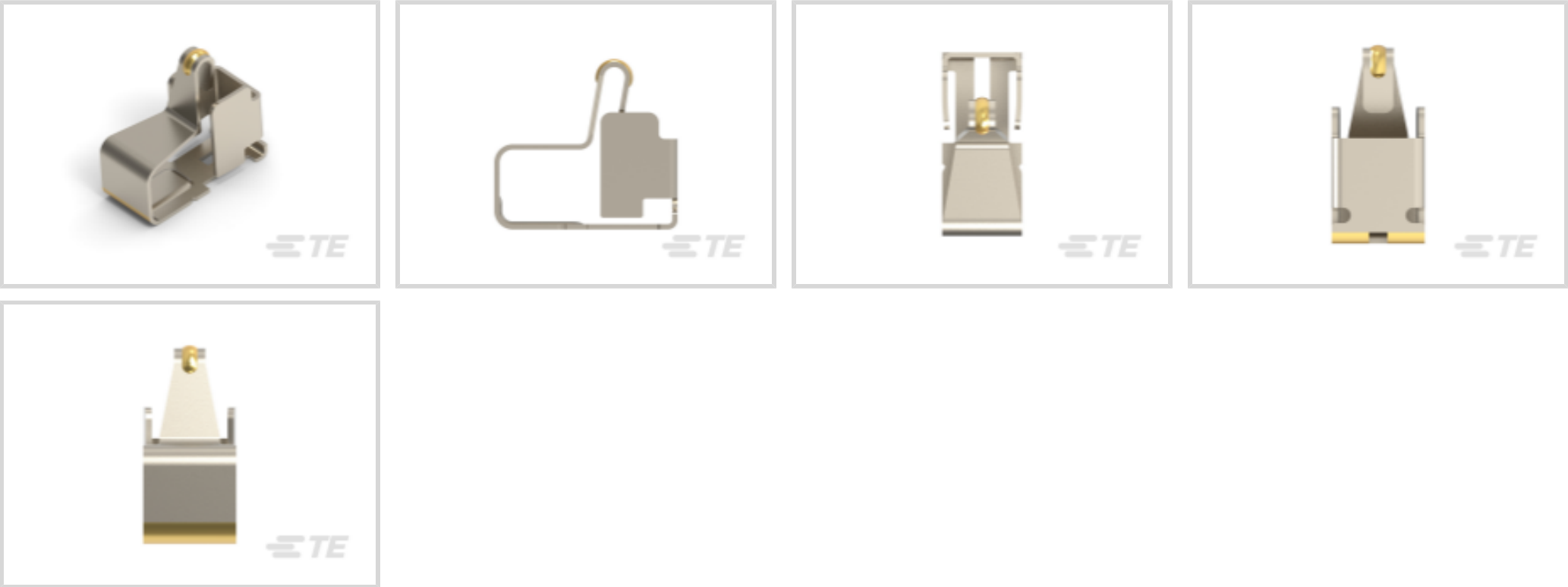




TE Internal #: 3-2199250-3  
PCB Spring Contact, C-Clip, Scalable, Side Protected,  
Uncompressed Height 3.2 mm [.126 in], Length 3.45 mm [.136 in],  
Width .059 in [1.5 mm]  
[View on TE.com >](#)

Terminals & Splices > Contacts > PCB Spring Contacts



Spring Finger Type: **C-Clip**  
Scalable: **Yes**  
Side Protected: **Yes**  
Uncompressed Height: **3.2 mm [.126 in]**  
Contact Length: **3.45 mm [.136 in]**

Features

Product Type Features

Spring Finger Type	C-Clip
Scalable	Yes
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
Contact Base Material	Copper Alloy
Contact Length	3.45 mm[.136 in]
Contact Width	1.5 mm[.059 in]
Contact Working Range (Low)	3 mm[.118 in]



Contact Working Range (High)	2.3 mm[.091 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	2 A

Dimensions

Uncompressed Height	3.2 mm[.126 in]
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Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Quantity	4500
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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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



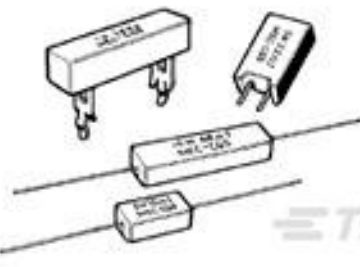
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 1903646-1  
SHIELD FINGER 3014 LOW FORCE

Customers Also Bought



TE Model / Part #1-1623793-6  
SQP5 33K 5% MTL FLM



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



TE Model / Part #2176339-6  
CRGCQ 0603 27R 1%



TE Model / Part #3-2199250-2  
TYPE C 2.9H SPRING FINGER



TE Model / Part #770262-1  
06P UMNL SOK HDR ASSY 94VO



TE Model / Part #3-2199250-5  
TYPE C 3.8H SPRING FINGER



TE Model / Part #4-2176350-3  
CRGCQ 2512 10M 5%



TE Model / Part #3-2199250-4  
TYPE C 3.6H SPRING FINGER



TE Model / Part #1-1735413-1  
Assembly Slimline SATA Receptacle  
7P+6P



TE Model / Part #160773-7  
PL LP REC 0.5-1.5 MM2 PTPPHBZ



Documents

Product Drawings

Shield Finger, Loose Piece, Type C, 3.2h

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-2199250-3\_A1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-2199250-3\_A1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-2199250-3\_A1.3d\_stp.zip

English

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

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English