



Terminals & Splices > Contacts > PCB Spring Contacts



Spring Finger Type: **Preloaded - C-Clip**

Scalable: **No**

Side Protected: **No**

Uncompressed Height: **1.6 mm [.063 in]**

Contact Length: **3.2 mm [.126 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	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	3.2 mm[.126 in]
Contact Width	.75 mm[.03 in]
Contact Working Range (Low)	1.3 mm[.051 in]



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

Dimensions

Uncompressed Height	1.6 mm[.063 in]
---------------------	-----------------

Usage Conditions

Operating Temperature Range	-40 – 85 °C, -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 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 245°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 # 2305018-2
USB TYPE C, REC IPX8 ON BOARD
DUAL SMT

Customers Also Bought

TE Model / Part #2110304-1
SFP+ 1x1 Cage Assembly, Solder Tail

TE Model / Part #1-1470107-2
2.0MM PITCH CRIMP HOUSING 12P

TE Model / Part #1-84952-2
1MM FPC HORZ.BTTM CONT.ASS.12P

TE Model / Part #1565158-1
SHIELD FINGER 1511

TE Model / Part #3-2176230-2
3522 330R 5% 3W

TE Model / Part #1746854-1
SHILED FINGER 2411 ANTI OVER S

TE Model / Part #1-1775333-0
ZIF FPC 0.5, 2H, 10P

TE Model / Part #2134078-1
SHILED FINGER 1210 EMBOSS
PACKING

TE Model / Part #1775333-6
ZIF FPC 0.5, 2H, 6P

TE Model / Part #2199170-1
6 pins 1.6P 1.4H BtoB connector



Documents

Product Drawings
SHIELD FINGER 1608

English

CAD Files
Customer View Model
ENG_CVM_CVM_1565322-1_D1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1565322-1_D1.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_1565322-1_D1.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages
Products for Mobile Equipment

English

Spring Fingers Quick Reference Guide

English

Product Specifications
Shield Finger 1608

Japanese

Product Specification

Japanese

Product Environmental Compliance
TE Material Declaration

English