



Connectors > Contacts > PCB Spring Contacts



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

Scalable: **No**

Side Protected: **No**

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

Product Length: **3.2 mm [.126 in]**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Spring Finger Type	Preloaded - 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 mm[.039 in]
Contact Working Range (High)	1.3 mm[.051 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	1.5 A



Dimensions

Uncompressed Height	1.6 mm[.063 in]
Product Length	3.2 mm[.126 in]
Product Width	.75 mm[.03 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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 # 2305018-2

USB TYPE C, REC IPX8 ON BOARD DUAL SMT

Customers Also Bought

TE Part # 2040852-1

SHIELD FINGER 0820 N-B WITH SE

TE Part # 2199248-4

Shield Finger, Loose Piece, Type A, 1.0 h

TE Part # 2199249-4

Shield Finger, Loose Piece, Type B, 2.3 h

TE Part # 1565158-1

SHIELD FINGER 1511

TE Part # 1623927-4

CFR16 5% 10K

TE Part # 2-2842236-0

20P,2MM,SHRD HDR,DRV,0.1AU,TB

TE Part # 2-2316109-0

20P,2MM,REC,HSG,DR,CRIMP,LCK RAMP,BOX

TE Part # 2-2316113-3

2MM,REC,CNT,CRIMP,24-28AWG,TIN, LP

TE Part # 695992-000

B-058-01

TE Part # C864813001

RAY-90-3.0(100)

Documents

Product Drawings
SHIELD FINGER 1608

English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_1565322-1_D1.2d_dxf.zip](#)

English

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

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Datasheets & Catalog Pages

[Products for Mobile Equipment](#)

English

Product Specifications

[Shield Finger 1608](#)

Japanese

[Product Specification](#)

Japanese