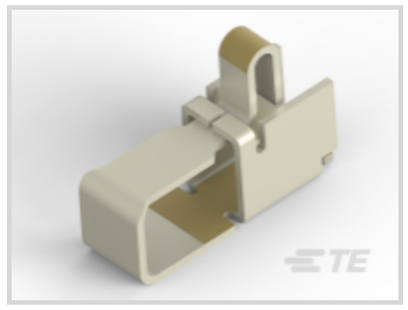
1827625-1 ✔ ACTIVE

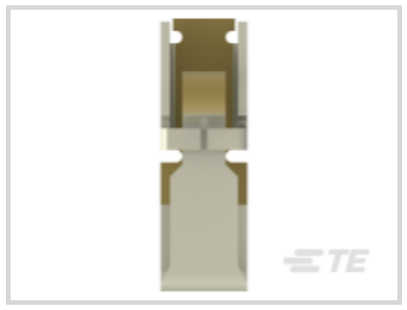
TE Internal #: 1827625-1

PCB Spring Contact, Preloaded - C-Clip, Side Protected, Uncompressed Height 3 mm [.118 in], Length 4.4 mm [.173 in], Width .055 in [1.4 mm]

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: **3 mm [.118 in]**

Contact Length: **4.4 mm [.173 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	4.4 mm[.173 in]
Contact Width	1.4 mm[.055 in]

Contact Working Range (Low)	2 mm[.079 in]
Contact Working Range (High)	2.8 mm[.11 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	1.5 A

Dimensions

Uncompressed Height	3 mm[.118 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	2500
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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 2305018-2
USB TYPE C, REC IPX8 ON BOARD DUAL SMT

Customers Also Bought



TE Part #1-179276-2
DYNAMIC 3200 HDR ASSY



TE Part #1734260-3
AMP HPI 1.25MM HEADERS



TE Part #1-746610-8
34 DIP PLUG, 100CL, LEAD FREE



TE Part #1735042-6
1MM FFC SMT V ASSY 6P EMBOSS



TE Part #8-5353164-6
ON TAPING (EMBOSS) O.5MM PITCH FS CONN.



TE Part #1551631-5
1Shield Finger, Loose Piece



TE Part #1565158-1
SHIELD FINGER 1511



TE Part #1447009-5
SHIELD FINGER 0820 TYPE



TE Part #1554901-1
SHIELD FINGER 2011 EMBOSS PACKING



TE Part #1-776262-5
AMPSEAL HEADERS

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1827625-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1827625-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_1827625-1_A1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Spring Fingers Quick Reference Guide

English

Product Specifications

Product Specification

Japanese

Product Environmental Compliance

MD_1827625-1_0512201664_dmtec

English

MD_1827625-1_0512201664_dmtec

English