



TE Internal #: 1447009-8
C-Clip PCB Spring Contact, 3.5 mm [.138 in] Uncompressed Height,
4.5 mm [.177 in] Length, 2.5 mm [.098 in] Width, 2.5 mm [.098 in]
Working Range (Low)
[View on TE.com >](#)

Connectors > Contacts > PCB Spring Contacts



Spring Finger Type: **C-Clip**
Scalable: **No**
Side Protected: **No**
Uncompressed Height: **3.5 mm [.138 in]**
Product Length: **4.5 mm [.177 in]**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Spring Finger Type	C-Clip
Scalable	No

Configuration Features

Number of Positions	1
Side Protected	No

Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Working Range (Low)	2.5 mm[.098 in]
Contact Working Range (High)	3 mm[.118 in]
Point of Contact Area Plating Material	Gold



Contact Current Rating (Max)	1.5 A
------------------------------	-------

Dimensions

Uncompressed Height	3.5 mm[.138 in]
Product Length	4.5 mm[.177 in]
Product Width	2.5 mm[.098 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	2000

Product Compliance

For compliance documentation, visit the product page on TE.com>

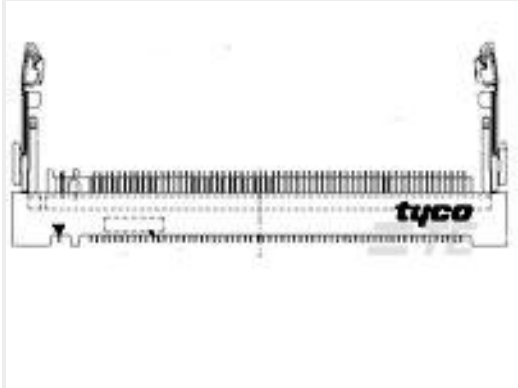
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

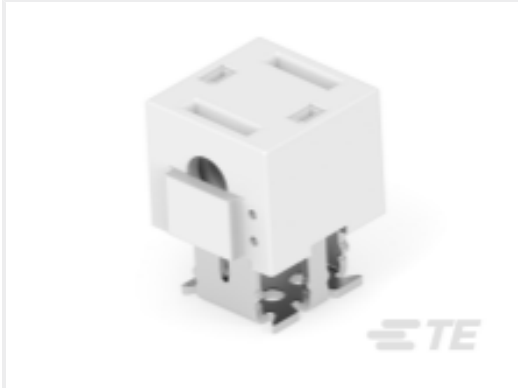
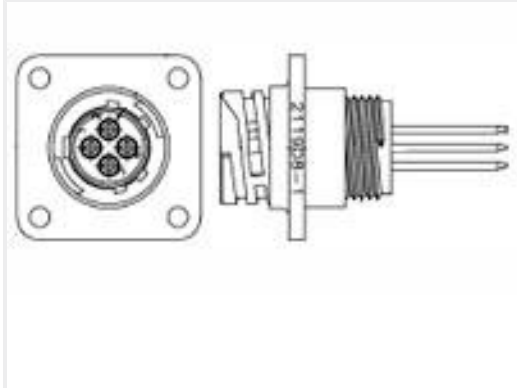
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1759503-1 mini PCI-E 8H Type I PKG G/F	 TE Part # 1717831-1 MINI PCI EXPRESS SEMI HARD TRAY CONN	 TE Part # 2041549-1 SOCKET ASSY, DMD 350, T/R, G/F	 TE Part # 1759513-1 0.8MM MINI PCI EXPRESS CONNECTOR 9H
 TE Part # 1775838-2 mSATA/mini PCI-E 5.6H Type I G/F	 TE Part # 1717831-2 MINI PCI EXPRESS EMBOSS TAPE CONN	 TE Part # 1759546-1 0.8mm Mini PCI-Express 9.9 Height	 TE Part # 2041262-1 Mini PCI-E 6.8H G/F
 TE Part # 1775862-2 mSATA/mini PCI-E 5.2H Type I G/F	 TE Part # 440423-1 Shield Finger 5025	 TE Part # 1447009-7 SHIELD FINGER 3525	

Customers Also Bought

 TE Part #2007625-2 1x4 QSFP Assy Bhnd Bzl,SAN	 TE Part #474340-E IDCTERM 1 I2426 1,10 KA 105 707 0007 J	 TE Part #1-788130-1 CPC RCPT,PSTD,SZ 11-4 LF	 TE Part #207825-9 CPC RCPT ASSEMBLY SIZE 11-4
--	--	---	--





TE Part #1-6609028-8
[10VK6=F7356 S0](#)

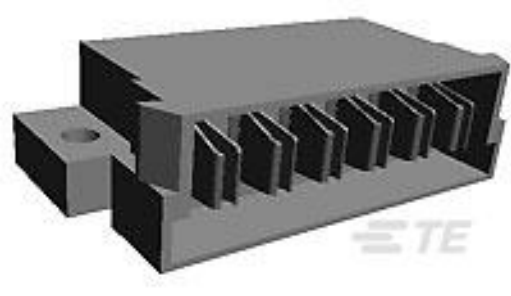


TE Part #1888968-1
[Cage Assy PCI Hsink QSFP Behind Bezel](#)

TE Part #4-1827253-8
[.5FHP05H,220,S,GIG,08/Sn,TR,NSYes](#)



TE Part #1-5745968-3
[25 PLUG SP/FMS SCRLK](#)



TE Part #6450129-1
[MBXL R/A HDR STR 2ACP](#)

TE Part #2007193-4
[SFP+ 1x1 Cage Assembly, PCI, MYLAR](#)

Documents

Product Drawings
[SHIELD FINGER 3525Z](#)

English

CAD Files
[3D PDF](#)

3D

Customer View Model
[ENG_CVM_CVM_1447009-8_99.2d_dxf.zip](#)

English

Customer View Model
[ENG_CVM_CVM_1447009-8_99.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_CVM_1447009-8_99.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages
[Products for Mobile Equipment](#)

English

Product Specifications
[SHIELD FINGER 3525/3525-Z](#)

English

[Product Specification](#)

English

1447009-8

C-Clip PCB Spring Contact, 3.5 mm [.138 in] Uncompressed Height, 4.5 mm [.177 in]
Length, 2.5 mm [.098 in] Width, 2.5 mm [.098 in] Working Range (Low)

