

TE Internal #: 1447009-8
C-Clip PCB Spring Contact, Uncompressed Height 3.5 mm [.138 in],
Length 4.5 mm [.177 in], Width 2.5 mm [.098 in], 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 System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Spring Finger Type	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)	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
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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]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	2000
Packaging Method	Tape & Reel

Product Compliance

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

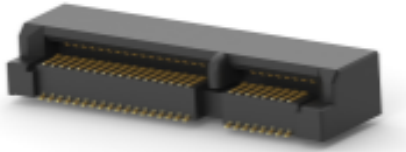
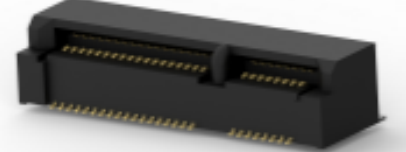
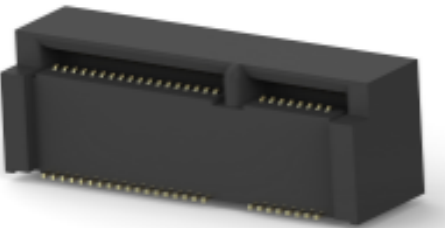
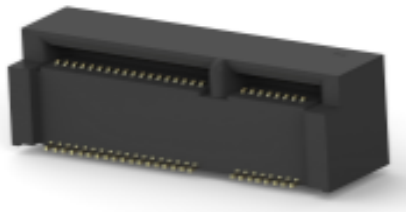
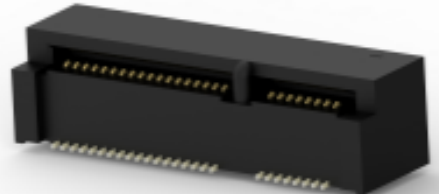
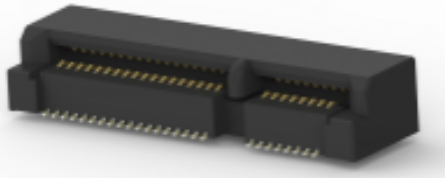
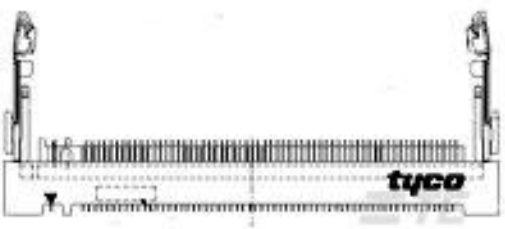
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

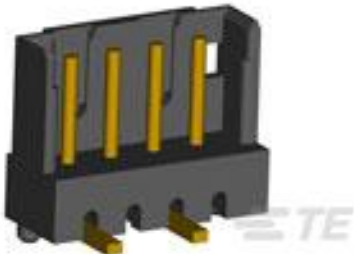
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

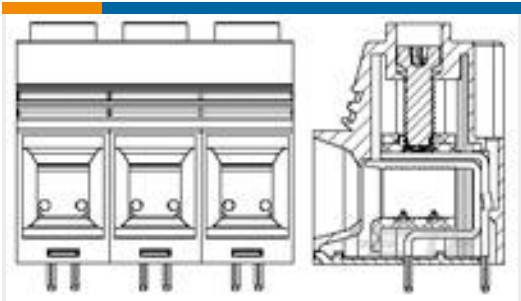
 TE Part # 1447009-7 SHIELD FINGER 3525	 TE Part # 1775862-2 mSATA/mini PCI-E 5.2H Type I G/F	 TE Part # 2041262-1 Mini PCI-E 6.8H G/F	 TE Part # 2041549-1 SOCKET ASSY, DMD 350, T/R, G/F
 TE Part # 440423-1 Shield Finger 5025	 TE Part # 1759546-1 0.8mm Mini PCI-Express 9.9 Height	 TE Part # 1759513-1 0.8MM MINI PCI EXPRESS CONNECTOR 9H	 TE Part # 1717831-1 MINI PCI EXPRESS SEMI HARD TRAY CONN
 TE Part # 1759503-1 mini PCI-E 8H Type I PKG G/F	 TE Part # 1775838-2 mSATA/mini PCI-E 5.6H Type I G/F	 TE Part # 1717831-2 MINI PCI EXPRESS EMBOSS TAPE CONN	

Customers Also Bought

 TE Part #292171-9 CT POST HDR ASSY 9P IN-TUBE BL	 TE Part #5747844-2 09 MSFL RCPT RA 318 (FM,BL)	 TE Part #2343522-7 SFP56 STACKED 2X2 RECEPTACLE ASSEMBLY	 TE Part #131445 PG, WIRE TAB, 12-10
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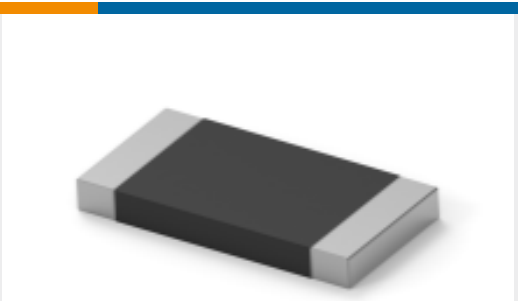
TE Part #1888968-1
Cage Assy PCI Hsink QSFP Behind Bezel



TE Part #1986242-3
Power Connector, 15.0mm, Green, 3 posn



TE Part #1-1609112-2
15CE1=F8272



TE Part #9-2176422-6
TLRP 2512 3.0W R150 1% 75PPM 4K RL



TE Part #9541-020C-S-C-3-S
PRESSURE I2C 0.3 PSIG SO16



TE Part #2329851-8
SFP+ 1X1 CAGE ASSY, SOLDRE TAIL, FLAT BOT

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

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