

1827625-1 ✓ ACTIVE

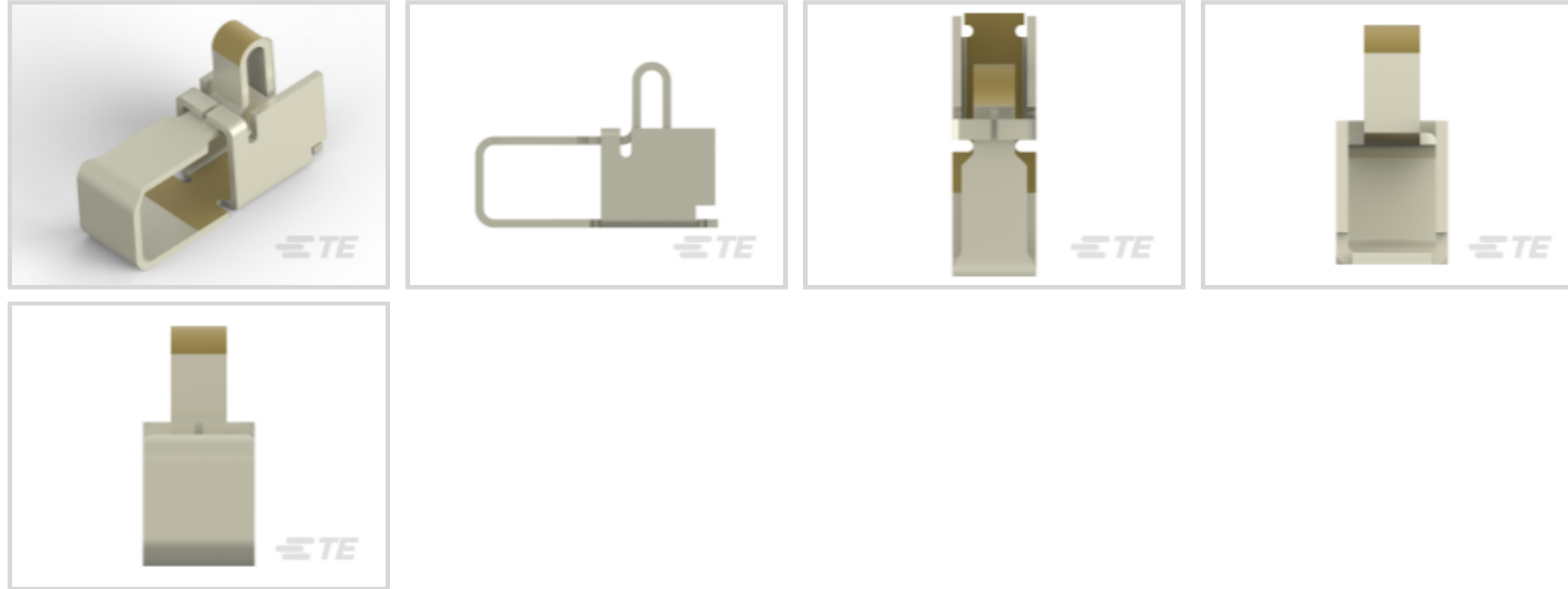
TE Internal #: 1827625-1

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

[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]**

Product Length: **4.4 mm [.173 in]**

## Features

### Product Type Features

Spring Finger Type	Preloaded - C-Clip
Scalable	No
Connector System	Board-to-Board
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 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
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### Dimensions

Uncompressed Height	3 mm [.118 in]
Product Length	4.4 mm [.173 in]
Product Width	1.4 mm [.055 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	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

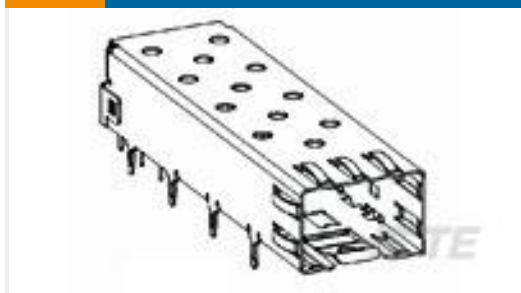


TE Part # 2305018-2  
USB TYPE C, REC IPX8 ON BOARD  
DUAL SMT

## Customers Also Bought



TE Part #6-173977-4  
CT MT REC ASSY 4P BLACK



TE Part #2227303-2  
CAGE ASSEMBLY, SFP, .071 TAIL



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



TE Part #1565158-1  
SHIELD FINGER 1511



TE Part #2306654-3  
SPRING FINGER 1.8H



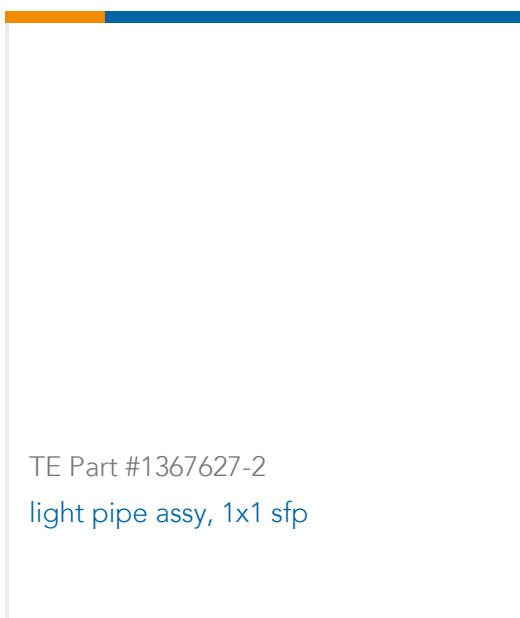
TE Part #5179656-2  
AMP FH SMT PLUG ASSY 6OP



TE Part #1393232-4  
RP812F05



TE Part #AS218-35PN  
RECEPT.BOX MNTG. TYPE 2



TE Part #1367627-2  
light pipe assy, 1x1 sfp



TE Part #7-1393223-0  
V23061D1002A301=MINISTARKSTROM

## Documents

### Product Drawings

SHIELD FINGER 3014 ANTI OVER STRESS TYPE

English

### 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.

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**Product Specifications**

**Product Specification**

English

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**Product Environmental Compliance**

[MD\\_1827625-1\\_0512201664\\_dmtec](#)

English

[MD\\_1827625-1\\_0512201664\\_dmtec](#)

English