



Connectors > Audio & Video Connectors > USB Connectors



USB Type: C

USB Version: 3.1 Gen 2

Connector & Housing Type: Receptacle

PCB Mount Location: Top Mount

Body Orientation: Right Angle

Features

Product Type Features

Integral Locking Latch	Without
USB Type	C
USB Version	3.1 Gen 2
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Body Features

Shell Plating Material	Nickel
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Locking Feature	Without
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PCB Mount Location	Top Mount
PCB Mount Retention Type	SMT + Through Hole
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	High Temperature Thermoplastic
Body Orientation	Right Angle

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

IP Rating	IPX8
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Packaging Features

Packaging Quantity	800
Packaging Method	Reel

Product Compliance

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

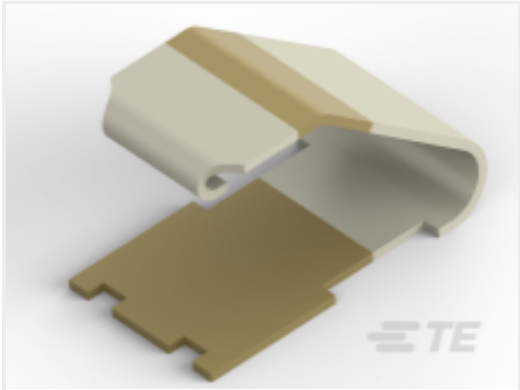
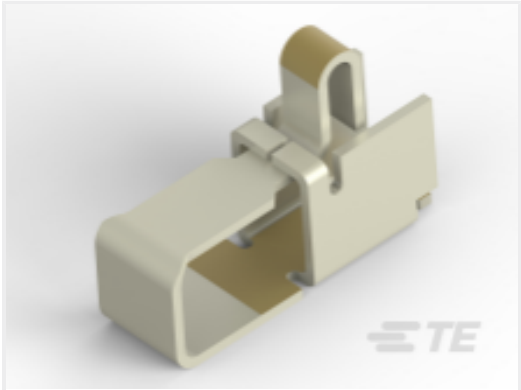
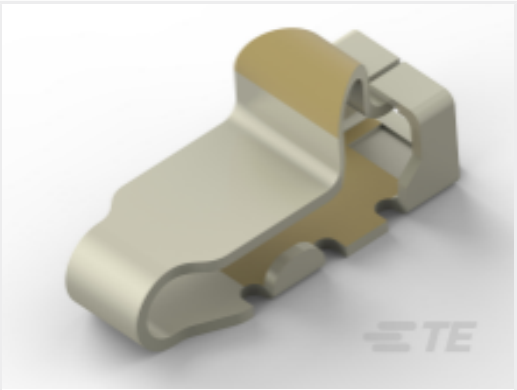
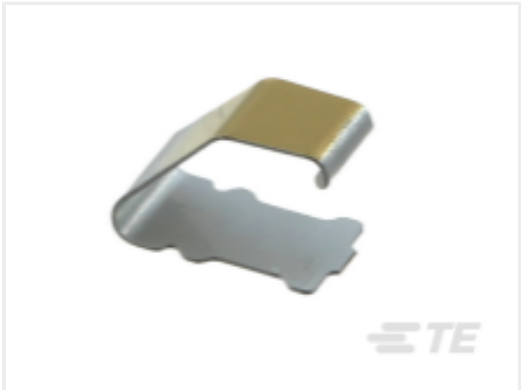
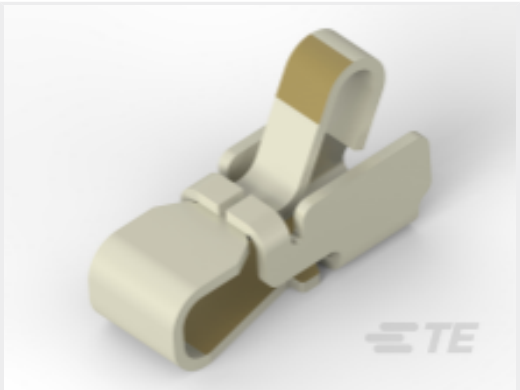
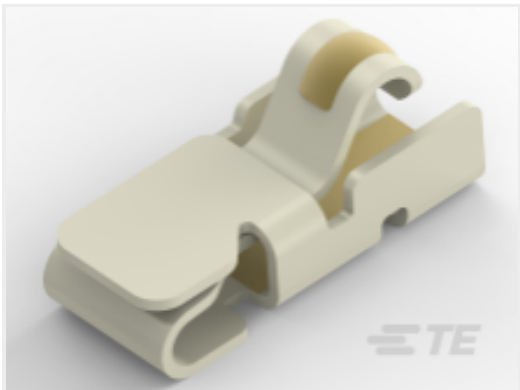
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

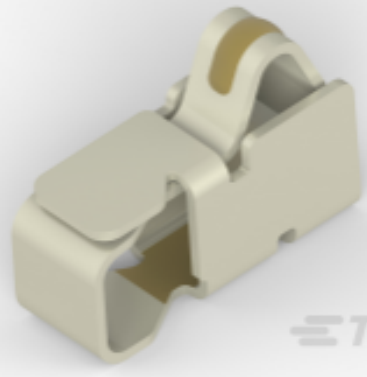
 TE Part # 1447360-9 3100069=SEALED FINGR 1715EMBOS	 TE Part # 1827625-1 SHIELD FINGER 3014 ANTI OVER STRESS TYPE	 TE Part # 2480843-1 USB C Charge-only,6 Pin, Mid, 3u GF	 TE Part # 1565158-1 SHIELD FINGER 1511
 TE Part # 1674954-1 SHIELD FINGER 2026 WITH TAPE	 TE Part # 1734300-1 SHIELD FINGER 3025-Z1-T	 TE Part # 1554901-1 SHIELD FINGER 2011 EMBOSS PACKING	 TE Part # 2480803-1 USB C Charge-only,6 Pin, Vertical, Short
 TE Part # 2108693-4 1.1H SPRING FINGER WITH EMBOSS	 TE Part # 2329418-2 USB TYPE C,REC IPX8 ON BOARD WITH COVER	 TE Part # 2345986-2 TYPE C 3.1 TOP MOUNT DUAL SMT 1.63CH 15U	 TE Part # 2479774-1 USB C Charge-only,6 Pin, Top, 1u GF



TE Part # 2388749-1
USB4 RECPTACLE ON BOARD



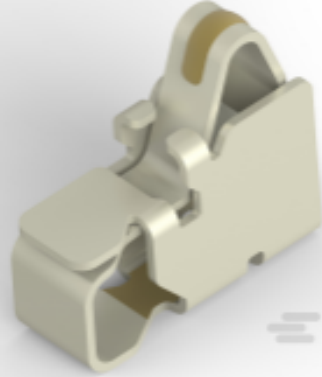
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USB TYPE C 3.1 TOP MOUNT DUAL SMT 1.63CH



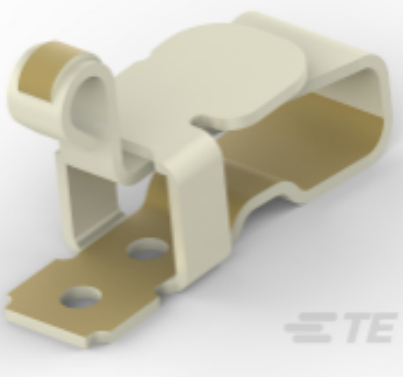
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2.05H SPRING FINGER WITH EMBOSS



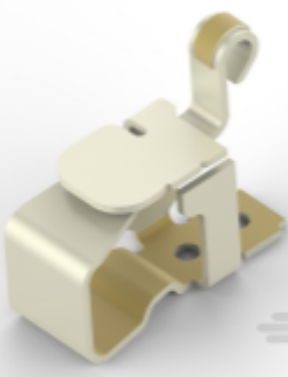
TE Part # 2480790-1
USB C Charge-only,6 Pin, Vertical, Long



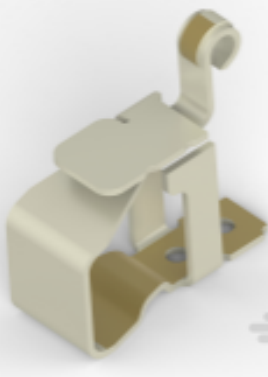
TE Part # 2108614-5
2.7H SPRING FINGER WITH EMBOSS



TE Part # 1551573-5
Shield Finger, Loose Piece



TE Part # 1551575-5
Shield Finger, Loose Piece



TE Part # 1551576-5
Shield Finger, 3.4mm

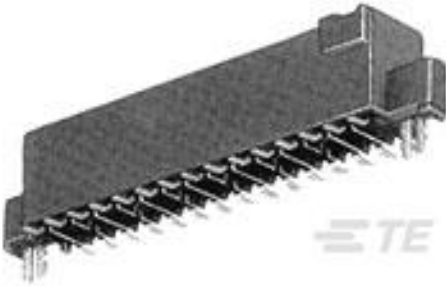
Customers Also Bought



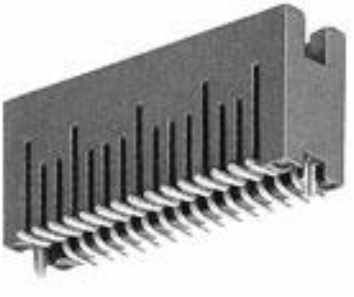
TE Part #5000638-F
LDES050BF6S; PRES; 50Pa;0,5...4,5V; 5Vs



TE Part #814691-SF
IL13P-US1-SJT-3160-366



TE Part #5-104652-3
30 50/50 GRID DRST SFMNT RCPT



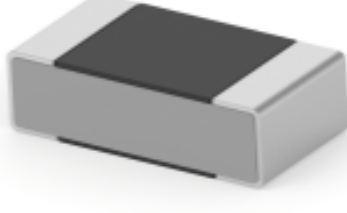
TE Part #5-104693-3
30 50/50 HDR DRST SFMNT.390 SN



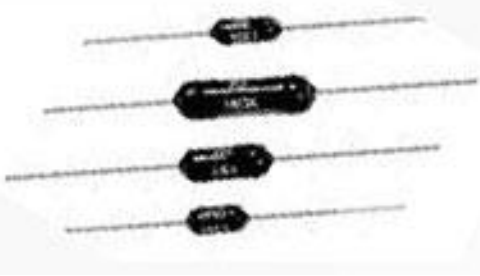
TE Part #1676669-2
RN 0805 22R1 0.1% 10PPM 1K RL



PITCH BATTERY



TE Part #6-1879135-4
RN 0603 5R36 0.1% 10PPM 5K RL



TE Part #2-1879684-8
H8 2K21 0.1% 50PPM



TE Part #2176053-4
RLP73M 2A R068 1% 1K RL



TE Part #2176186-9
CRGH1206 1% 560R 0.5W

Documents



Product Drawings

USB TYPE C, REC IPX8 ON BOARD DUAL SMT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2305018-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2305018-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2305018-2_A.3d_stp.zip

English

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Product Specifications

Product Specification

English