

2295018-2 ✓ ACTIVE

TE Internal #: 2295018-2

C, 3.1 Gen 1, Receptacle, 1 Port, Mid Mount, Right Angle, Tape & Reel, IPX4, Surface Mount, Cable-to-Board, 24 Position, USB Connectors

[View on TE.com >](#)



Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **C**

USB Version: **3.1 Gen 1**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

PCB Mount Location: **Mid Mount**

Features

Body Features

Shell Plating Material	Nickel
Offset	.65 mm
Shell Plating Finish	Bright

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.75 μ m[30 μ in]
Contact Current Rating (Max)	5 A

Industry Standards

Industry Standard	IEC
IP Rating	IPX4

Packaging Features

Packaging Quantity	800
Packaging Method	Tape & Reel

Housing Features

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



Centerline (Pitch)	.5 mm[.019 in]
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Configuration Features

Panel Ground Location	Right/Left
Number of Ports	1
Number of Positions	24

Product Type Features

Grounding Options	Panel Ground
Ground Feature Type	M2 Threaded Hole
Integral Locking Latch	Without
USB Adapter Type	C
USB Version	3.1 Gen 1
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 3.1 Type-C

Mechanical Attachment

PCB Mount Location	Mid Mount
PCB Mount Retention Type	SMT + Through Hole
Connector Mounting Type	Board Mount

Termination Features

Termination Method to PCB	Surface Mount
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Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

 <p>TE Part # 1-2295018-2 USB TYPE C, REC OFFSET 0.65MM DUAL SMT</p>	 <p>TE Part # 2480842-1 USB C Charge-only,6 Pin, Vert, Long, Lock</p>	 <p>TE Part # 2305018-2 USB TYPE C, REC IPX8 ON BOARD DUAL SMT</p>	 <p>TE Part # 2480843-1 USB C Charge-only,6 Pin, Mid, 3u GF</p>
 <p>TE Part # 2480803-1 USB C Charge-only,6 Pin, Vertical, Short</p>	 <p>TE Part # 2479774-2 USB C Charge-only,6 Pin, Top, 3u GF</p>	 <p>TE Part # 2480790-1 USB C Charge-only,6 Pin, Vertical, Long</p>	 <p>TE Part # 2479774-1 USB C Charge-only,6 Pin, Top, 1u GF</p>

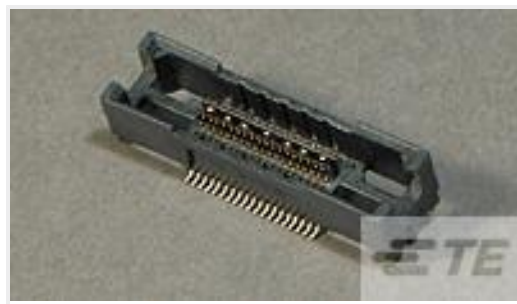
Customers Also Bought



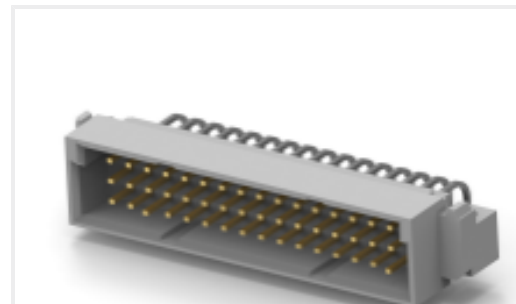
TE Part #1775441-5
EMIX CONN., 1.5MM PITCH, RCPT,
HSG, 5P



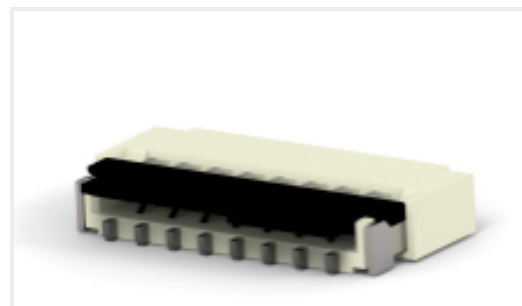
TE Part #5535034-4
ASSY,RECEPTACLE,EUROCARD,TYPE
C/2,L-FREE



TE Part #5767096-8
MICT,REC,038,ASY,025,TAPE,CAP



TE Part #148714-1
ASSY,PIN,EURO, "C/2", L-FREE,



TE Part #3-2328724-9
39PIN 0.3MMP FPC CONNECTOR,
FRONT FLIP



TE Part #CONREVSMA008
RP-SMA Jack 50 Ohm PCB Through
Hole



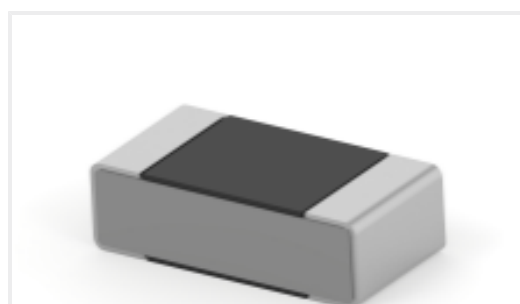
TE Part #4-2176328-0
CRGP 1206 18K 1%



TE Part #2199155-3
DDR4 DIMM 288 Pin SMT type



TE Part #1469374-1
ATCA GUIDE RIGHT ANGLE FEMALE



TE Part #8-1879125-7
RN 0402 100R 0.1% 10PPM 5K RL

Documents

Product Drawings

[SPLASH PROOF USB TYPE C REC, DUAL SMT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2295018-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2295018-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2295018-2_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[USB Type-C](#)

English

[USB Type-C CN](#)

Product Specifications

[Product Specification](#)

English