



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

Product Type Features

Integral Locking Latch	Without
Ground Feature Type	M2 Threaded Hole
Grounding Options	Panel Ground
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

Configuration Features

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

Body Features

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

Contact Features



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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

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

Housing Features

Housing Material	High Temperature Thermoplastic
Housing Color	Black
Body Orientation	Right Angle
Centerline (Pitch)	.5 mm[.019 in]

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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Industry Standards

Industry Standard	IEC
IP Rating	IPX4

Packaging Features

Packaging Quantity	800
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

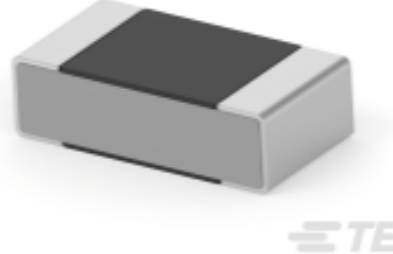
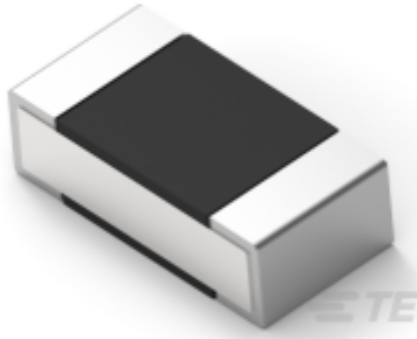
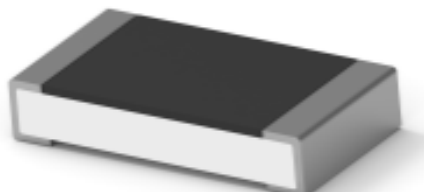
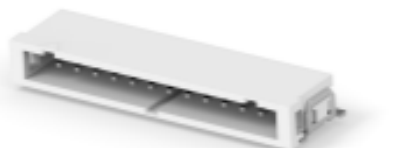
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-2295018-2 USB TYPE C, REC OFFSET 0.65MM DUAL SMT	 TE Part # 2305018-2 USB TYPE C, REC IPX8 ON BOARD DUAL SMT	 TE Part # 2479774-1 USB C Charge-only,6 Pin, Top, 1u GF	 TE Part # 2479774-2 USB C Charge-only,6 Pin, Top, 3u GF
 TE Part # 2480790-1 USB C Charge-only,6 Pin, Vertical, Long	 TE Part # 2480803-1 USB C Charge-only,6 Pin, Vertical, Short	 TE Part # 2480842-1 USB C Charge-only,6 Pin, Vert, Long, Lock	 TE Part # 2480843-1 USB C Charge-only,6 Pin, Mid, 3u GF

Customers Also Bought



 TE Part # 7-1879215-2 CPF 0402 25K5 0.1% 25PPM 1K RL	 TE Part # 3-2176090-6 RP 1J 0.166W 301K 0.1% 25PPM 1K RL	 TE Part # 3-1879338-9 CPF 0603 66K5 1% 50PPM 1K RL	 TE Part # 6-1879207-6 RN 0603 475K 0.1% 10PPM 5K RL
 TE Part # 2-2176308-8 RP 1E 0.1W 255K 0.1% 25PPM 5K RL	 TE Part # 3-2176389-6 RQ 1206 249R 0.1% 10PPM 5K RL	 TE Part # 119908-E IBRIDGE RA 12 SMT 105 1 TOR J 3 109913 I	 TE Part # 109918-E IBRIDGE RA 06 SMT 105 1 TOR J 3 109913 I
 TE Part # 119975-E IBRFHG VE 06 CSI 208 BAG J 3 119979 IBRI	 TE Part # 119985-E IBRCMP RET 06 VE 208 BAG J 3 119980 IBRI		

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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



USB Type-C

English

USB Type-C CN

Product Specifications

Product Specification

English