



TE Internal #: 1-2295018-2

USB Connectors, C, 3.1 Gen 1, Receptacle, 1 Port, Mid Mount, Right Angle, Tape & Reel, Surface Mount, Cable-to-Board, 10000, 24 Position

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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
Grounding Options	Panel Ground
Ground Component Type	M2 Threaded Hole
USB Adapter Type	C
USB Version	3.1 Gen 1
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
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

Locking Feature	Without
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
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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
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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 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (7% in COMPONENT PART) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 2295018-2
SPLASH PROOF USB TYPE C REC,
DUAL SMT



TE Part # 1-2305018-2
USB TYPE C, REC ON BOARD DUAL
SMT

Customers Also Bought



 TE Part #2-1734592-4 FPC CONN. 0.5MM PITCH B/C, 24P	 TE Part #3-2176055-0 RLP73K 2B R16 1% 1K RL	 TE Part #1-1879458-8 RL73N 1H R51 1% 5K RL	 TE Part #2199249-4 Shield Finger, Loose Piece, Type B, 2.3 h
 TE Part #2199249-3 Shield Finger, Loose Piece, Type B, 2.0 h	 TE Part #7-1879208-9 CPF 0402 18K 0.1% 25PPM 1K RL	 TE Part #8-1879208-4 CPF 0402 30K 0.1% 25PPM 1K RL	 TE Part #2305018-2 USB TYPE C, REC IPX8 ON BOARD DUAL SMT
 TE Part #2-2176306-4 RP 1E 0.1W 2K0 0.1% 25PPM 5K RL	 TE Part #7-2176306-9 RP 1E 0.1W 7K5 0.1% 25PPM 5K RL		

Documents

Product Drawings

USB TYPE C, REC OFFSET 0.65MM DUAL SMT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2295018-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2295018-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2295018-2_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

Product Environmental Compliance

TE Material Declaration

English