



TE Internal #: 1-2295018-2

USB Connectors, C, 3.1 Gen 1, Receptacle, 1 Port, Mid Mount, Right Angle, Tape & Reel, Surface Mount, SMT + Through Hole PCB Mount Retention Type

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Connectors > Audio & Video Connectors > USB Connectors



USB Connector 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 Connector 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
Product Type	Connector
LED	Without

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
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Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Locking Feature	Without
Locating Posts	Without
PCB Mount Location	Mid Mount
PCB Mount Retention Type	SMT + Through Hole
Connector Mounting Type	Board Mount

Housing Features

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

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 Method	Tape & Reel
Packaging Quantity	800

Other

Application Method	Tape
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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 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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 #1717254-4
DDR2 SO DIMM Sockets



TE Part #1-1825097-6
TPB11FGVRA004



TE Part #171826-2
2POS POST HEADER ASSY



TE Part #1565158-1
SHIELD FINGER 1511



TE Part #1-1879213-1
CPF 0402 33R2 0.1% 25PPM 1K RL



TE Part #1-1879213-6
CPF 0402 37R4 0.1% 25PPM 1K RL



TE Part #1-2328702-0
10PIN 0.5MMP FPC CONN, BACK FLIP LOCK



TE Part #1-2176326-4
CRGP 0603 120R 1%



TE Part #MS860702BA01-50
BOARD LEVEL PRESSURE STOCK LIST



TE Part #1437575-1
MLL1200S=SPDT RA SMT SLIDE

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