



Connectors > Audio & Video Connectors > USB Connectors



USB Connector Type: C

USB Version: 3.1 Gen 1

Connector Profile: Standard

Connector & Housing Type: Receptacle

PCB Mount Location: Top

Features

Product Type Features

Integral Locking Latch	Without
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

Body Features

Shell Plating Finish	Matte
Connector Profile	Standard
Shell Plating Material	Nickel

Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Through Hole (SMT Compatible), Through Hole - Solder
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Mechanical Attachment

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

Housing Features

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

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000

Operation/Application

Assembly Process Feature	None
Circuit Application	Power & Signal

Industry Standards

Industry Standard	USB 3.0
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Packaging Features

Packaging Method	Reel
Packaging Quantity	550

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 Model / Part # 2345986-2
TYPE C 3.1 TOP MOUNT DUAL SMT
1.63CH 15U

Customers Also Bought

TE Model / Part #1734366-3
Std USB Type A, VT, T/H, Blue

TE Model / Part #2110304-1
SFP+ 1x1 Cage Assembly, Solder Tail

TE Model / Part #6450863-5
MBXLE VERT RCPT 7ACP

TE Model / Part #1766501-1
ATCA ASSY, Vertical Backplane,



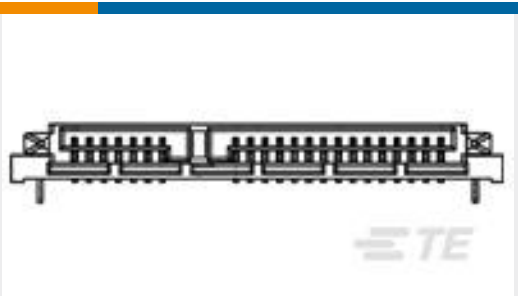
TE Model / Part #2174507-2
MICRO USB, TYPE B



TE Model / Part #1775862-2
mSATA/mini PCI-E 5.2H Type I G/F



TE Model / Part #1-1734775-1
Std USB Type A, Flag, T/H, 1.8A



TE Model / Part #2023246-2
ASS'Y SATA REC. R/A SMT TYPE 3.45H



TE Model / Part #1747981-2
Std HDMI, RA, SMT



TE Model / Part #2013978-1
Mini HDMI, RA, SMT

Documents

Product Drawings

USB TYPE C 3.1 CONN REV TOP MOUNT CH1.6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2338792-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2338792-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2338792-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification for USB Type-C Connector 3.1 Top Mount Hybrid Type with 1.60mm Offset

English