



Connectors > Audio & Video Connectors > USB Connectors



USB 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

Grounding Options	PCB Ground
Integral Locking Latch	Without
USB Type	C
USB Version	3.1 Gen 1
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board, Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Ports	1
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Body Features

Shell Plating Material	Nickel
Shell Plating Finish	Matte

Contact Features

Contact Mating Area Plating Material	Gold (Au)
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Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	.25 A, 1.25 A, 5 A, 6.25 A

Termination Features

Termination Method to PCB	Surface Mount, Through Hole - Solder
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Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Mid Mount
PCB Connector Seating	Offset
PCB Mount Retention Type	Straight Leg
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	LCP GF30
Body Orientation	Right Angle

Usage Conditions

Soldering Temperature (Max)	255 °C[491 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Assembly Process Feature	Without Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted



	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 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 # 2479774-1
USB C Charge-only,6 Pin, Top, 1u GF



TE Part # 2480842-1
USB C Charge-only,6 Pin, Vert, Long, Lock



TE Part # 2480803-1
USB C Charge-only,6 Pin, Vertical, Short



TE Part # 2480843-1
USB C Charge-only,6 Pin, Mid, 3u GF



TE Part # 2305018-2
USB TYPE C, REC IPX8 ON BOARD DUAL SMT

Customers Also Bought



TE Part #MS580302BA01-00
MS5803-02BA01 DIGIT PRESSURE
SENSOR TUBE

TE Part #66109-3
III+ SKT,26-24,15AU/FL,LP

TE Part #66425-7
III+ PIN,30-26,15AU/FL,STRIP

TE Part #102107-2
MOD IV PIN LP

TE Part #1658645-1
KIT,HDP-20,OVRMLD,PLUG,SIZE 1,

TE Part #1658647-1
KIT,HDP-20,OVRMLD,PLUG,SIZE 2,

TE Part #4-2176231-2
3522 510R 1% 3W

TE Part #3-2176459-6
SMW 7W 3R0 5% Taped

TE Part #2337225-1
TACT ULTRA TB 2.8X1.9X0.6 160GF

TE Part #2454982-2
ADE Next Gen 03 Pos. THT TU

Documents

Product Drawings

USB3.1 TYPE-C REC MID-MOUNT 0.485 HYBRID

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2129691-2_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2129691-2_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2129691-2_B1.3d_stp.zip

English

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Product Specifications



Product Specification

English