2329418-2 ✔ ACTIVE

TE Internal #: 2329418-2

C, Standard USB, 3.1 Gen 2, Receptacle, Top Mount, Right Angle, Reel, IP68, Surface Mount, Cable-to-Board, Sealable, Printed Circuit Board

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors



USB Type: **C**

USB Version: **3.1 Gen 2**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

PCB Mount Location: **Top Mount**

Features

Product Type Features

Integral Locking Latch	Without
USB Type	C
USB Version	3.1 Gen 2
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Body Features

Shell Plating Material	Nickel
Shell Plating Finish	Matte
Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Contact Current Rating (Max)	5 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Top Mount
PCB Mount Retention Type	Mounting Hole
Connector Mounting Type	Board Mount

Housing Features

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

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	Power & Signal

Industry Standards

IP Rating	IP68

Packaging Features

Packaging Quantity	800
Packaging Method	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) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.33% in Component) Decamethylcyclopentasiloxane (D5) (2% in Component) Octamethylcyclotetrasiloxane (D4) (7% in Component) **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 < 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 # 2480790-1
USB C Charge-only,6 Pin, Vertical, Long



TE Part # 2479774-2
USB C Charge-only,6 Pin, Top, 3u GF



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



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



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

Customers Also Bought



TE Part #63039-1
MAG-MATE W/BBL 33-31 010TPBR



TE Part #171825-2
2 POS EIS POST HDR



TE Part #171825-4
TYPE V EIS CONNECTOR 4P ASSY



TE Part #350792-1
04P UMML PIN HDR ASSY 94VO



TE Part #1744417-6
6 POS EP 2.5 HSG, GLOW WIRE



TE Part #2452668-1
FNA Tube 2.6mm OD x 1.1mm ID x 10m L



TE Part #2452669-1
FNA Tube 3.2mm OD x 1.1mm ID x 10m L



TE Part #2488736-1
O-Ring FNA 38999 Shell 8 10pk



TE Part #2822541-1
PUSH-PUSH MICRO SIM CONNECTOR



TE Part #6368150-1
MJ,TE,8P,CAT5,SHIELDED

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2329418-2_1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2329418-2_1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2329418-2_1.3d_stp.zip

English

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Product Specifications

Product Specification

English