



TE Internal #: 1-2295018-2  
C, 3.1 Gen 1, Receptacle, 1 Port, Mid Mount, Right Angle, Tape & Reel, Surface Mount, Cable-to-Board, 10000, 24 Position, USB Connectors  
[View on TE.com >](#)

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

Industry Standards

Industry Standard	IEC
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Body Features

Shell Plating Material	Nickel
Offset	.65 mm
Shell Plating Finish	Bright

Contact Features

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

Packaging Features

Packaging Quantity	800
Packaging Method	Tape & Reel

Housing Features

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



Mechanical Attachment

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

Configuration Features

Panel Ground Location	Right/Left
Number of Ports	1
Number of Positions	24

Product Type Features

Grounding Options	Panel Ground
Ground Feature Type	M2 Threaded Hole
Integral Locking Latch	Without
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

Termination Features

Termination Method to PCB	Surface Mount
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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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 # 1-2305018-2  
USB TYPE C, REC ON BOARD DUAL SMT



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




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




TE Part # 2295018-2  
SPLASH PROOF USB TYPE C REC, DUAL SMT


Customers Also Bought




TE Part #5747250-6  
09 MSFL PLUG RA 318 (SL,FM)




TE Part #5745781-6  
09 MSFL RCPT RA 318 (SL,FM)




TE Part #2-644488-6  
06P MTA100 SHRD HDR F/L R/A SN



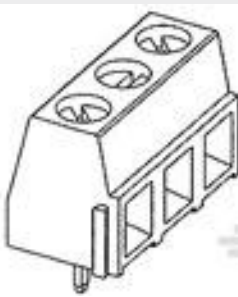
TE Part #3-2176054-4  
RLP73M 2A R033 5% 5K RL




TE Part #796690-3  
TERMI-BLOK PCB MOUNT 3P




TE Part #3-1879215-9  
CPF 0402 10K5 0.1% 25PPM 1K RL




TE Part #282837-7  
TERMI-BLOK PCB MOUNT 7P



TE Part #L9000168-01  
Antenna 2.45/5.8GHz WRT Monopole SMA



TE Part #CONREVSMA008  
RP-SMA Jack 50 Ohm PCB Through Hole



TE Part #119975-E  
IBRFHG VE 06 CSI 208 BAG J 3 119979 IBRI

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

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Datasheets & Catalog Pages

[USB Type-C](#)

English

[USB Type-C CN](#)

Product Specifications

[Product Specification](#)

English