

2345986-1 ✓ ACTIVE

TE Internal #: 2345986-1

C, 3.1 Gen 2, Receptacle, 1 Port, Top, Right Angle, Reel, Offset, Surface Mount, Cable-to-Board / Wire-to-Board, Printed Circuit Board, USB Connectors

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Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **C**

USB Version: **3.1 Gen 2**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

PCB Mount Location: **Top**

Features

Product Type Features

Grounding Options	PCB Ground
Integral Locking Latch	Without
USB Adapter Type	C
USB Version	3.1 Gen 2
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board, Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 3.1 Type-C

Configuration Features

Number of Ports	1
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Body Features

Shell Plating Material	Nickel
Offset	1.63 mm
Shell Plating Finish	Matte



Contact Features

Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Locking Feature	Without
PCB Mount Alignment Type	Locating Posts
PCB Mount Location	Top
PCB Connector Seating	Offset
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	LCP
Body Orientation	Right Angle

Usage Conditions

Soldering Temperature (Max)	255 °C[491 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0
Industry Standard	USB 3.0

Packaging Features

Packaging Quantity	900
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	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



Customers Also Bought



TE Part #3687213001
FLT0111-1.00-0



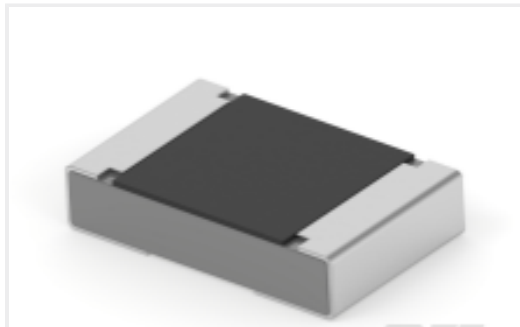
TE Part #5-146282-1
01 MODII HDR SRST B/A .100CL



TE Part #322225
TERMINAL,SOLIS R 2/0 3/4



TE Part #1-1614959-1
CPF0805 1M5 0.1% 25PPM 1K RL



TE Part #2-2176482-9
RA73F 2A 100R 0.1% 5K RL



TE Part #2-2307731-0
20P,2MM,B-B,REC,DRHZ,SMD,0.76AU,TR



TE Part #2342891-2
CAGE ASSY 1X6 QSFP-DD HS EXTRUTION SAN



TE Part #CAT-SU763-H342
SUPERSEAL 1.0 Connector Headers



TE Part #GA5K3A88I
DISC-DISCRETE

Documents

Product Drawings

[USB TYPE C 3.1 TOP MOUNT DUAL SMT 1.63CH](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2345986-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2345986-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2345986-1_1.3d_stp.zip](#)

English

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Product Specifications

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Product Specification

English