# 1-2295018-2 ✔ ACTIVE

TE Internal #: 1-2295018-2

C, 3.1 Gen 1, Receptacle, 24 Position, Mid Mount, 1 Port, Right Angle, Tape & Reel, Surface Mount, Cable-to-Board, .5 mm [.02 in] Centerline

View on TE.com >

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 | Panel Ground |
| Ground Feature Type | M2 Threaded Hole |
| Integral Locking Latch | Without |
| USB 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 |

### Configuration Features

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

### 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 (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 | Mid Mount |
| PCB Mount Retention Type | SMT + Through Hole |
| Connector Mounting Type | Board Mount |

### Housing Features

| | |
|---|---|
| Housing Material | High Temperature Thermoplastic |
| Housing Color | Black |
| Body Orientation | Right Angle |
| Centerline (Pitch) | .5 mm[.02 in] |

### 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 |

### 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 | 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 # 2480843-1
USB C Charge-only,6 Pin, Mid, 3u GF



TE Part # 2495712-1
USB TYPE C RECEPTACLE 24P IPX7



TE Part # 2495698-1
USB TYPE C PLUG SMT MIDDLE MOUNT RA



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 # 2495709-1
USB TYPE C RECEPTACLE 24P IPX7



TE Part # 2495711-1
USB TYPE C RECEPTACLE 24P IPX8



TE Part # 2495699-1
USB TYPE C PLUG 24P SMT VERTICAL MOUNT



TE Part # 2495701-1

USB TYPE C PLUG 24P VERTICAL MOUNT



TE Part # 2495137-1

USB Type C Plug 4.0



TE Part # 2495700-1

USB TYPE C PLUG 24 SMT VERTICAL MOUNT



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 # 2480790-1

USB C Charge-only,6 Pin, Vertical, Long



TE Part # 2495710-1

USB TYPE C RECEPTACLE 24P IPX8



TE Part # 2295018-2

SPLASH PROOF USB TYPE C REC, DUAL SMT



TE Part # 2480842-1

USB C Charge-only,6 Pin, Vert, Long, Lock



TE Part # 2366738-1

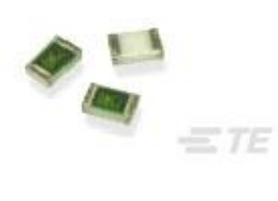
USB TYPE C CONN

## Customers Also Bought




TE Part #ANT-868-CHP-T

Antenna Chip T&R 868MHz SMT



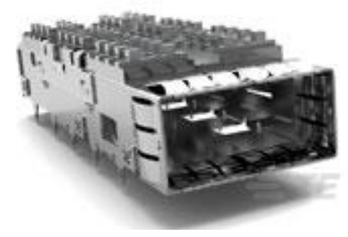
TE Part #6-1879131-8

RN 0402 10K 0.1% 10PPM 1K RL



TE Part #3-1879334-9

CPF 0603 4R99 1% 50PPM 1K RL



TE Part #1888631-1

Cage Assy PCI Hsink QSFP Thru



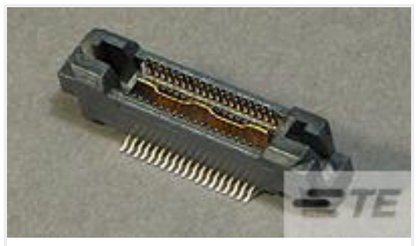
TE Part #5-2176414-0

7W STD M/OX 5% 2K2



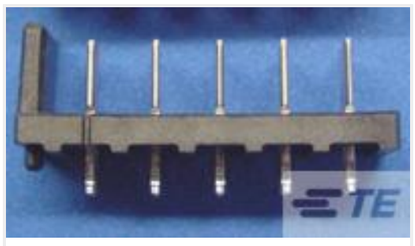
TE Part #5535034-4

ASSY,RECEPTACLE,EUROCARD,TYPE C/2,L-FREE



TE Part #5767056-1

MICT,260,PLUG,38,ASSY,PDNI



TE Part #5787419-1

HDR ASY,VERT,STR TAIL,10.8V



TE Part #6469081-1
HMZD 3PR, RECEPTACLE ASSEMBLY

TE Part #2274073-1
HM ZD 3 PR HEADER, SEQ, LF

## 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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

USB Type-C

English

USB Type-C CN

### Product Specifications

Product Specification

English