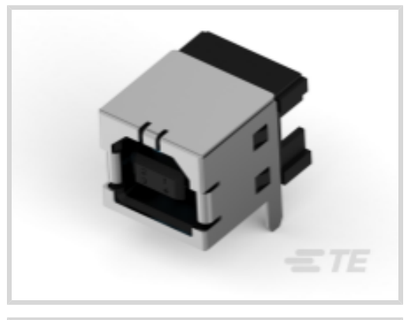
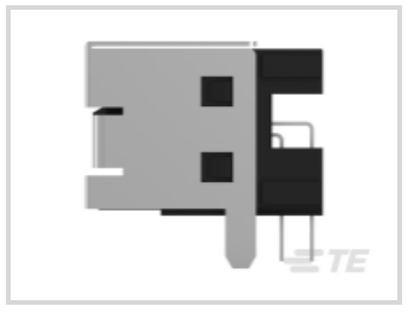
292317-4 ✔ ACTIVE

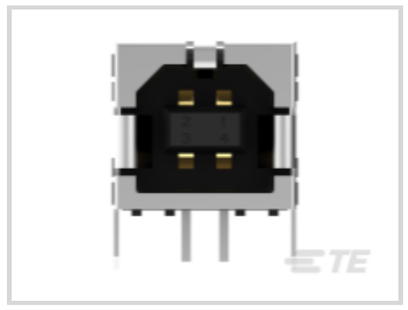
TE Internal #: 292317-4

B, 2.0, Standard Profile, Receptacle, 1 Port, Top, Right Angle, Box & Tray / Tray, Flush, Through Hole - Solder, Cable-to-Board, 1500, USB Connectors

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors

USB Adapter Type: **B**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

Integral Locking Latch	Without
USB Adapter Type	B
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 2.0 Type-B

Configuration Features

Number of Ports	1
Number of Positions	4

Body Features

Offset	0 mm
Shell Plating Finish	Matte
Shell Plating Material	Nickel

Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	3.01 mm[.119 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Locking Feature	With
PCB Mount Location	Top
PCB Connector Seating	Flush
PCB Mount Retention Type	Straight Leg
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Body Orientation	Right Angle
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	1500
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Halogen Free	No
Circuit Application	Signal

Industry Standards

Test Identification (TID)	60001136
Moisture Sensitivity Level	1
Industry Standard	USB 2.0

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	273
Packaging Method	Box & Tray, Tray

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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

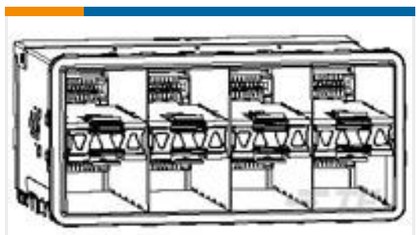
Product Compliance Disclaimer

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

Customers Also Bought



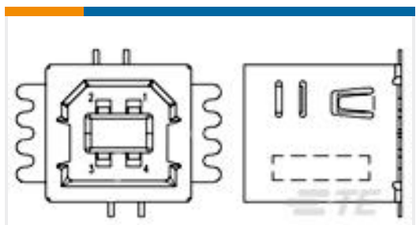
TE Part #1-5499913-0
A/L UNIV HDR 50P RA SHT LAT



TE Part #2180324-2
zSFP+ STACKED 2X4 RECEPTACLE ASSEMBLY



TE Part #1-406541-1
MJ,INV,1X1,6PNL G,.100"ST,SN



TE Part #1734517-1
STD USB TYPE B, VERTICAL, SMT, GRD FINGER



TE Part #1513431-1
PCB ANTENNA SINGLE BAND TAPE AND REELED



TE Part #1979911-1
6 POSN MODU - 4 POSN CT, 5 IN

TE Part #2246023-1
Flex. Antenna Assembly

Documents

Product Drawings

STD USB TYPE B, R/A, T/H

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292317-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292317-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292317-4_C.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-794222-0 3-1393225-0 650075-000 917696-1 RH73H2A40MKTN 1-962915-1 1743455-2 2005330-1 2834055-1 CPF0402B37K4E1 U5254-000005-030PA 2310537-1 2380312-2 SBCHE154R7K 1393431-1 TE50BR39J 1969656-1 3430B2F51RTDF SBCHE64R7K 2-292161-3 3631B101LL 936348-1 141991-2 175977-2 1903112-2 CRGCQ2010J3K3 MPT100C18RF 2377783-2 ROX05SJ18R SMW73R0JT