TE Internal #: 5787834-1

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

Board, 1500

View on TE.com >

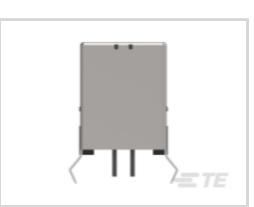


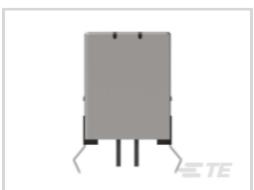
Connectors > Audio & Video Connectors > USB Connectors











USB Connector Type: **B**

USB Version: 2.0

Connector Profile: Standard

Connector & Housing Type: Receptacle

Number of Ports: 1

Features

Product Type Features

| Product Type Features | |
|-----------------------------------|-----------------------|
| Integral Locking Latch | Without |
| USB Connector Type | В |
| USB Version | 2.0 |
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |
| Product Type | Connector |
| LED | Without |
| Configuration Features | |
| Number of Ports | 1 |
| Number of Positions | 4 |
| Body Features | |
| Offset | 0 mm |

Bright

Shell Plating Finish



| Connector Profile | Standard |
|---|--|
| Shell Plating Material | Tin |
| Contact Features | |
| Contact Current Rating (Max) | 1 A |
| Contact Mating Area Plating Material | Gold or Gold Flash over Palladium Nickel |
| Contact Mating Area Plating Thickness | .76 μm[29.92 μin] |
| Termination Features | |
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Mechanical Attachment | |
| Locking Feature | With |
| Locating Posts | Without |
| PCB Mount Location | Тор |
| PCB Connector Seating | Flush |
| PCB Mount Retention Type | Kinked Legs |
| Connector Mounting Type | Board Mount |
| Housing Features | |
| Body Orientation | Vertical |
| Centerline (Pitch) | 2.5 mm[.098 in] |
| Housing Material | Thermoplastic |
| Housing Color | Black |
| Dimensions | |
| Tail Length | 3.01 mm[.118 in] |
| 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) | 60000281 |



| Moisture Sensitivity Level | 1 |
|----------------------------|------------------|
| Industry Standard | USB 2.0 |
| UL Flammability Rating | UL 94V-0 |
| Packaging Features | |
| Packaging Method | Box & Tray, Tray |
| Packaging Quantity | 144 |

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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





















Documents

Product Drawings

STD USB TYPE B, VERTICAL, T/H

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787834-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5787834-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5787834-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

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



USB and Mini USB Datasheet 7-1773442-0

English

Product Specifications

Application Specification

English