

TE Internal #: 5787834-2

USB Connectors, B, 2.0, Standard Profile, Receptacle, 1 Port, Top,

Vertical, Box & Tray / Tray, Flush, Through Hole - Solder, Cable-to-

Board, 1500

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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	В
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	Bright
Shell Plating Material	Tin



Contact Features Contact Mating Area Plating Material Thickness .76 µm[29.92 µin] Contact Mating Area Plating Material Gold or Gold Flash over Palladium Nickel Contact Current Rating (Max) 1 A Termination Features Termination Post & Tail Length 3.01 mm[.118 in] Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Locking Feature With PCB Mount Location Top PCB Connector Seating Flush PCB Mount Retention Type Kinked Legs Connector Mounting Type Board Mount Housing Features Housing Material Thermoplastic Housing Color Natural
Contact Mating Area Plating Material Contact Current Rating (Max) 1 A Termination Features Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment Locking Feature With PCB Mount Location PCB Connector Seating PCB Mount Retention Type Connector Mounting Type Housing Features Housing Material Gold or Gold Flash over Palladium Nickel 1 A Kinked Legs Through Hole - Solder With Top PCB Connector Seating Flush Kinked Legs Thermoplastic
Contact Current Rating (Max) Termination Features Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment Locking Feature With PCB Mount Location PCB Connector Seating Flush PCB Mount Retention Type Kinked Legs Connector Mounting Type Housing Features Housing Material T A A A A A A A A A A A A A
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PCB Mount Location Top PCB Connector Seating Flush PCB Mount Retention Type Kinked Legs Connector Mounting Type Board Mount Housing Features Housing Material Thermoplastic
PCB Connector Seating PCB Mount Retention Type Kinked Legs Connector Mounting Type Board Mount Housing Features Housing Material Thermoplastic
PCB Mount Retention Type Kinked Legs Connector Mounting Type Board Mount Housing Features Housing Material Thermoplastic
Connector Mounting Type Board Mount Housing Features Housing Material Thermoplastic
Housing Features Housing Material Thermoplastic
Housing Material Thermoplastic
Housing Color Natural
Body Orientation Vertical
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
Moisture Sensitivity Level 1
Industry Standard USB 2.0
UL Flammability Rating UL 94V-0



Packaging Features

Packaging Quantity	1008
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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	Wave solder capable to 265°C

Product Compliance Disclaimer

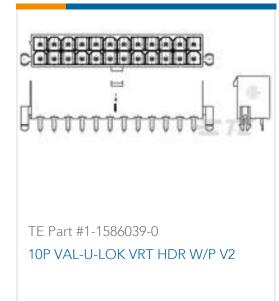
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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, NATURAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787834-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5787834-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5787834-2_C.3d_stp.zip

English

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Product Specifications

Application Specification

English