



Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **A**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

## Features

### Product Type Features

Ground Feature Type	M2 Threaded Hole
Grounding Options	Panel Ground
USB Adapter Type	A
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board, Cable-to-Panel
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 2.0 Type-A

### Configuration Features

Panel Ground Location	Right/Left
Number of Mounting Legs	2
Number of Ports	1
Number of Positions	4

### Body Features

Offset	4 mm
Shell Plating Finish	Bright
Shell Plating Material	Tin
Connector Profile	Standard

### Contact Features

Contact Mating Area Plating Material Thickness	.76 $\mu\text{m}$ [29.92 $\mu\text{in}$ ]
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Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
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Contact Current Rating (Max)	1 A
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### Termination Features

Termination Post & Tail Length	1.85 mm[.073 in]
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Termination Method to Printed Circuit Board	Surface Mount
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### Mechanical Attachment

Locking Feature	With
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PCB Mount Alignment Type	Locating Posts
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PCB Mount Location	Top
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PCB Connector Seating	Offset
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PCB Mount Retention Type	SMT Hold-Down
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Panel Mount Feature Type	Flange
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Connector Mounting Type	Board Mount, Panel Mount
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### Housing Features

Housing Material	Thermoplastic
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Housing Color	Black
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Body Orientation	Right Angle
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Centerline (Pitch)	2 mm, 2.5 mm[.078 in][.098 in]
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### Dimensions

PCB Thickness (Recommended)	1 mm[.039 in]
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### Usage Conditions

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

Halogen Free	No
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Assembly Process Feature	Pick and Place Cover
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Circuit Application	Power & Signal
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### Industry Standards

Moisture Sensitivity Level	1
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Industry Standard	USB 2.0
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	55
Packaging Method	Box & Tray, Tray

### Product Compliance



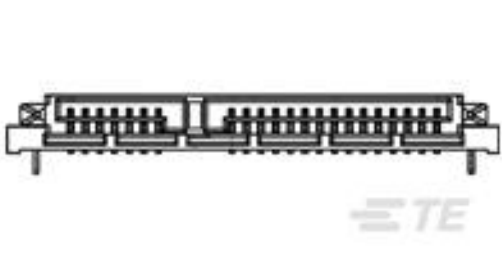

[For compliance documentation, visit the product page on TE.com>](#)

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: JUL 2021 (219) 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	Reflow solder capable to 245°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

 <p>TE Part #2110304-1 SFP+ 1x1 Cage Assembly, Solder Tail</p>	 <p>TE Part #1734366-3 Std USB Type A, VT, T/H, Blue</p>	 <p>TE Part #2023246-2 ASSY SATA REC. R/A SMT TYPE 3.45H</p>	 <p>TE Part #2174507-2 MICRO USB, TYPE B</p>
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TE Part #1-1734035-2  
MINI USB, TYPE B, R/A, SMT



TE Part #6450863-5  
MBXLE VERT RCPT 7ACP



TE Part #5177984-6  
0.8FH,P05H.5,140,08/Sn,TU



TE Part #1747981-2  
Std HDMI, RA, SMT



TE Part #2007435-3  
Std HDMI, Flag, T/H

## Documents

### CAD Files

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_5353583-4\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5353583-4\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5353583-4\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Product Specification](#)

English

[AMP Universal Serial Bus\(USB\) Receptacle Connectors\(Type A, SMT\)](#)

English