

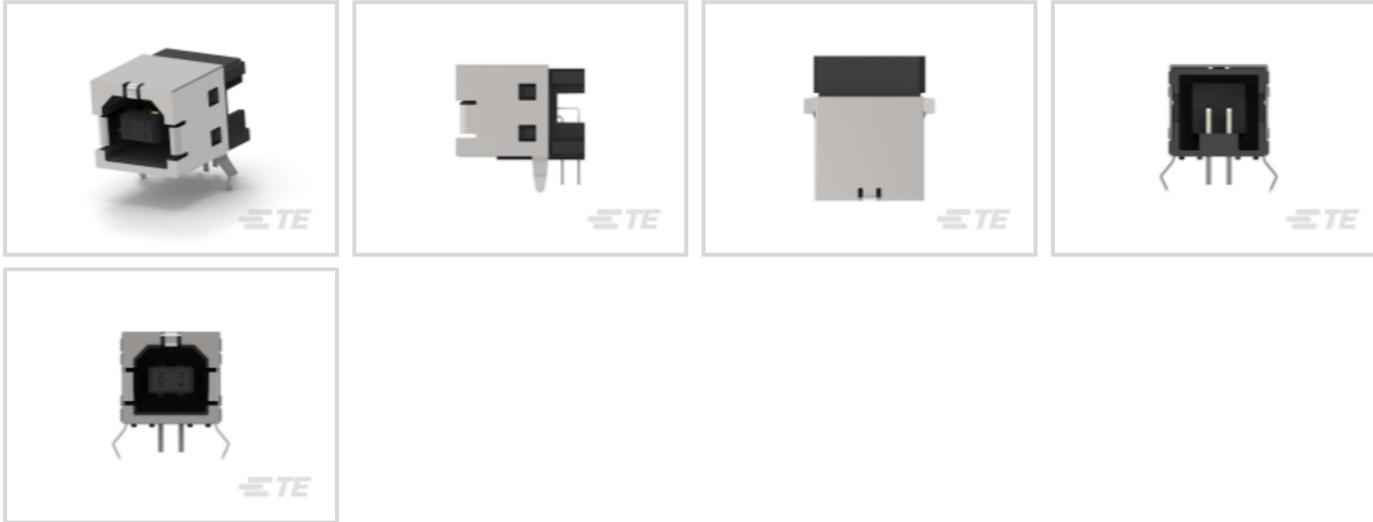


TE Internal #: 292304-5

B, Standard USB, 2.0, Receptacle, 4 Position, Top Mount, 1 Port, Right Angle, Box & Tray / Tray, Flush, Through Hole - Solder, Cable-to-Board

[View on TE.com >](#)

Connectors > Audio & Video Connectors > USB Connectors



USB Type: **B**

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

Configuration Features

Panel Ground Location	Top
Number of Ports	1
Number of Positions	4

Body Features

Shell Plating Finish	Bright
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Shell Plating Material	Tin
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Connector Profile	Standard
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Contact Features

Contact Mating Area Plating Material Thickness	.38 μm [15 μin]
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Contact Mating Area Plating Material	Gold (Au)
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Contact Current Rating (Max)	1 A
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Termination Features

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

Locking Feature	With
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PCB Mount Location	Top Mount
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PCB Connector Seating	Flush
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PCB Mount Retention Type	Kinked Legs
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Connector Mounting Type	Board Mount
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Housing Features

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

PCB Thickness (Recommended)	1.57 mm[.062 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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Circuit Application	Signal
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Industry Standards

Moisture Sensitivity Level	1
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	100
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	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) Candidate List Declared Against: JUNE 2025 (250) 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>

Compatible Parts



Customers Also Bought



Documents

Product Drawings

[STD USB TYPE B, R/A, T/H, 30U" AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_292304-5_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292304-5_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292304-5_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English