

2388749-1 ✓ ACTIVE

TE Internal #: 2388749-1

USB Connectors, 4.0, Housing for Female Terminals, 1 Port,
Bottom, Right Angle, Reel & Box, Flush, Surface Mount, Board-to-
Component, 10000

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Connectors > Audio & Video Connectors > USB Connectors



USB Version: 4.0

Connector & Housing Type: **Housing for Female Terminals**

Number of Ports: 1

PCB Mount Location: **Bottom**

Body Orientation: **Right Angle**

Features

Product Type Features

Ground Feature Type	Grounding Contact
Grounding Options	PCB Ground
USB Version	4.0
Connector & Housing Type	Housing for Female Terminals
Connector System	Board-to-Component
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 4.0

Configuration Features

Number of Mounting Legs	24
Number of Ports	1
Number of Positions	24

Body Features

Offset	1.1 mm
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Shell Plating Finish	Bright
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Shell Plating Material	Nickel
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Contact Features

Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]
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Contact Mating Area Plating Material	Gold
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Contact Underplating Material	Nickel
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Contact Current Rating (Max)	5 A
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
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PCB Mount Location	Bottom
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PCB Connector Seating	Flush
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PCB Mount Retention Type	Solder Peg
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
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Housing Color	Black
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Body Orientation	Right Angle
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Centerline (Pitch)	.5 mm[.019 in]
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Dimensions

PCB Thickness (Recommended)	1 mm[.031 – .039 in]
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Usage Conditions

Soldering Temperature (Max)	265 °C[179 °F]
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Mating Cycles (Max)	10000
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Operating Temperature Range	-55 – 85 °C[2 – 79 °F]
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Operation/Application

Halogen Free	Yes
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Assembly Process Feature	Without Pick and Place Cover
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Circuit Application	Power & Signal
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Industry Standards

Test Identification (TID)	5588
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Moisture Sensitivity Level	1
Industry Standard	EIA
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	6000
Packaging Method	Reel & Box

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	Not Yet Reviewed
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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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




TE Part # 2305018-2
USB TYPE C, REC IPX8 ON BOARD DUAL SMT



TE Part # 2479774-1
USB C Charge-only,6 Pin, Top, 1u GF



TE Part # 2479774-2
USB C Charge-only,6 Pin, Top, 3u GF



TE Part # 2480790-1
USB C Charge-only,6 Pin, Vertical, Long



TE Part # 2480803-1
USB C Charge-only,6 Pin, Vertical, Short



TE Part # 2480842-1
USB C Charge-only,6 Pin, Vert, Long, Lock

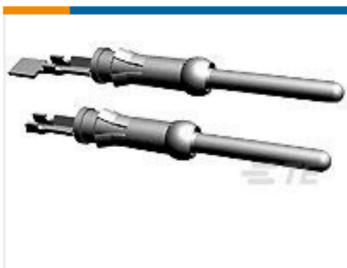


TE Part # 2480843-1
USB C Charge-only,6 Pin, Mid, 3u GF



TE Part # 2299863-1
PLUG ASSY USB TYPE C PLUG ASSEMBLY

Customers Also Bought



TE Part #66099-3
III+ PIN,18-16,15AU/FL/LP



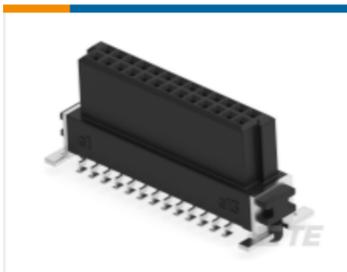
TE Part #2199119-5
M.2 0.5PITCH 3.2H KEY B 30U" AU"



TE Part #1757824-3
AMPLIMITE, ASY, RCPT, STD, 90, ZN, 3



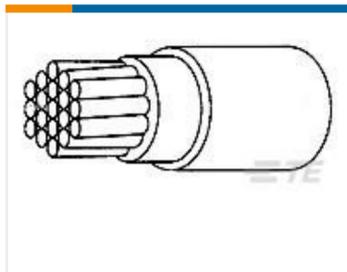
TE Part #643414-1
03P UMNL HDR ASSY POL 94VO



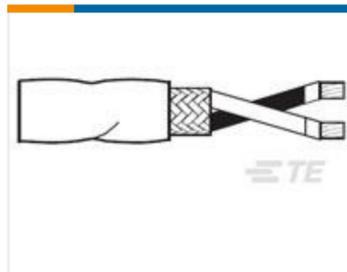
TE Part #154718-E
SMCB 26 F AB VV 7-03 CL * H007 137 E002



TE Part #ZPF000000000008814
983-6SE 12-12 SN



TE Part #7724153001
99M0111-24-2L



TE Part #7917753001
99M1121-24-2/6-0



TE Part #5763996001
ZHTM-5/2.5-0-RSU-STK

Documents



Product Drawings

USB4 RECPTACLE ON BOARD

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2388749-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2388749-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2388749-1_1.3d_stp.zip](#)

English

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Product Specifications

Test Report for USB 4.0 Connector

English

Product specification for USB 4.0 Connector

English