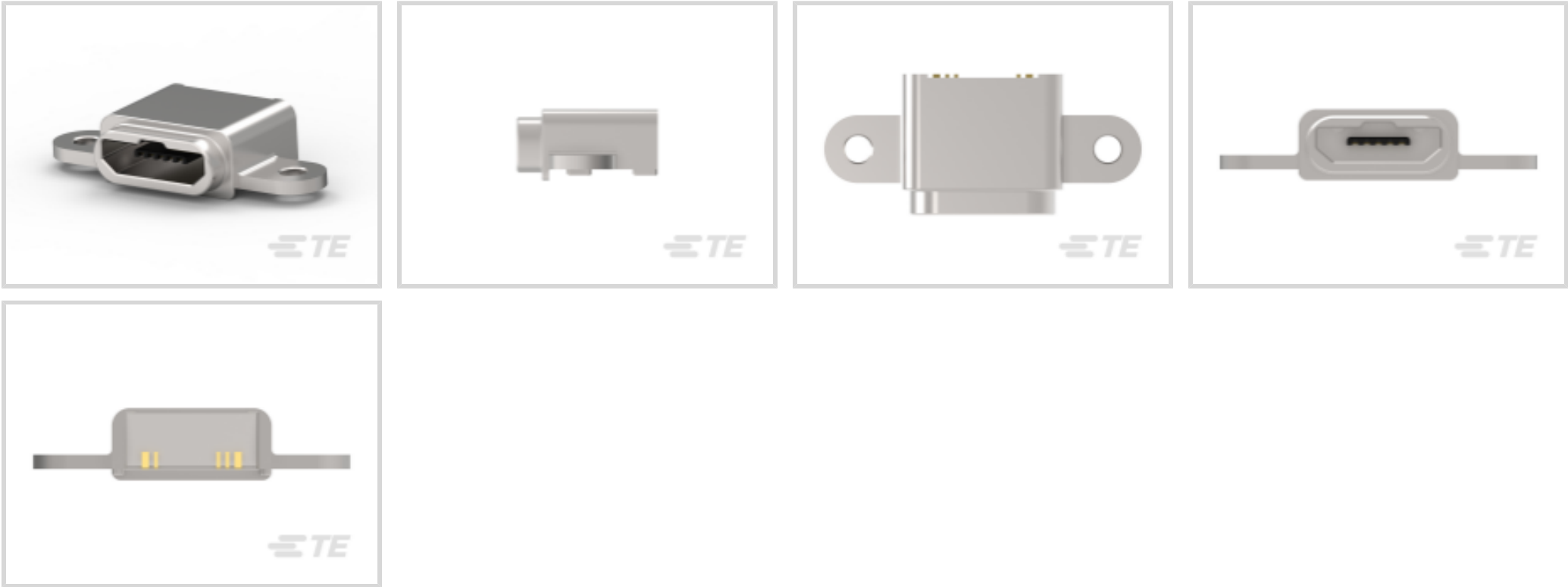




Connectors > Audio & Video Connectors > USB Connectors



USB Type: B

USB Version: 2.0

Connector Profile: Micro

Connector & Housing Type: Receptacle

Number of Ports: 1

Features

Product Type Features

Integral Locking Latch	Without
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

Number of Ports	1
Number of Positions	5

Body Features

Shell Plating Finish	Matte
Shell Plating Material	Tin
Connector Profile	Micro

Contact Features

Contact Underplating Material	Palladium Nickel
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Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	1.8 A

Termination Features

Termination Post & Tail Length	.75 mm[.03 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Top Mount
PCB Connector Seating	Offset
PCB Mount Retention Type	Hold-Down
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Body Orientation	Right Angle
Centerline (Pitch)	.65 mm[.025 in]

Dimensions

PCB Thickness (Recommended)	.8 – 1 mm[.031 – .039 in]
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Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Halogen Free	No
Assembly Process Feature	Without Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

Moisture Sensitivity Level	1
UL Flammability Rating	UL 94V-0
IP Rating	IP68

Packaging Features



Packaging Quantity	1000
Packaging Method	Tape & Reel

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 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.33% in 17091280158) Decamethylcyclopentasiloxane (D5) (2% in 17091280158) Octamethylcyclotetrasiloxane (D4) (7% in 17091280158) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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





TE Part #3-647502-6
06P MTA100 SMT ASSY,SN,TAPE, LF



TE Part #5-794620-4
24P MICRO MNL ASSY,R/A,HDR,LF



TE Part #2-1393210-4
T9AS1L12-12



TE Part #3-1415379-1
RT33LA24



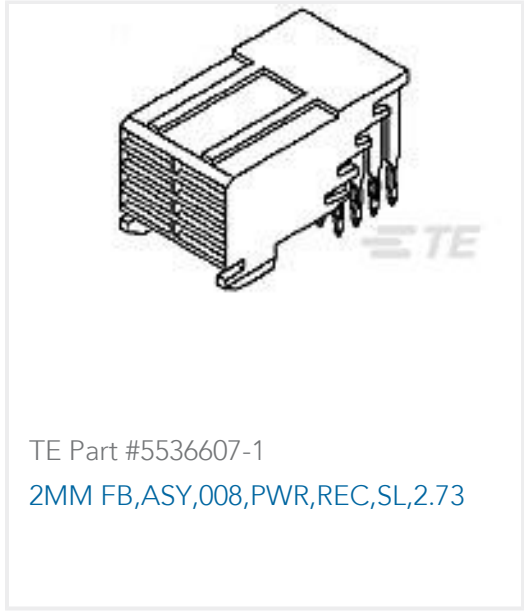
TE Part #2-2176327-1
CRGP 0805 470R 1%



TE Part #1-2176613-1
EP 4W (SS) 2R7 5%



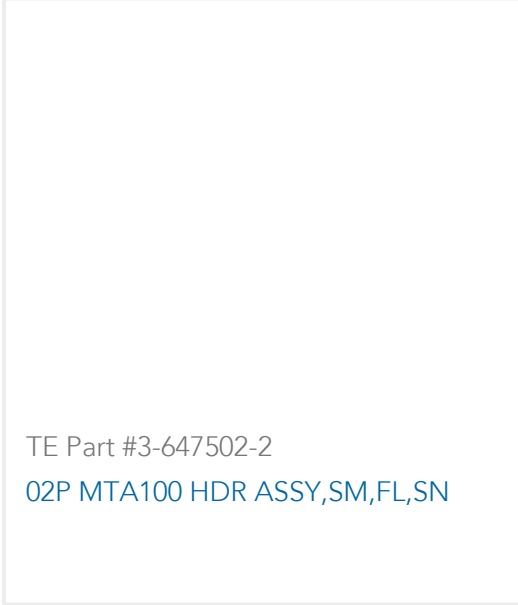
TE Part #2205333-1
FSN-72Z-5



TE Part #5536607-1
2MM FB,ASY,008,PWR,REC,SL,2.73



TE Part #6-6437158-0
FSN-21.5A



TE Part #3-647502-2
02P MTA100 HDR ASSY,SM,FL,SN

Documents

Product Drawings
MICRO USB, TYPE B, IP68
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2108877-1_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2108877-1_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2108877-1_B.3d_stp.zip
English

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Product Specifications



Product Specification

English

Product Specification

English