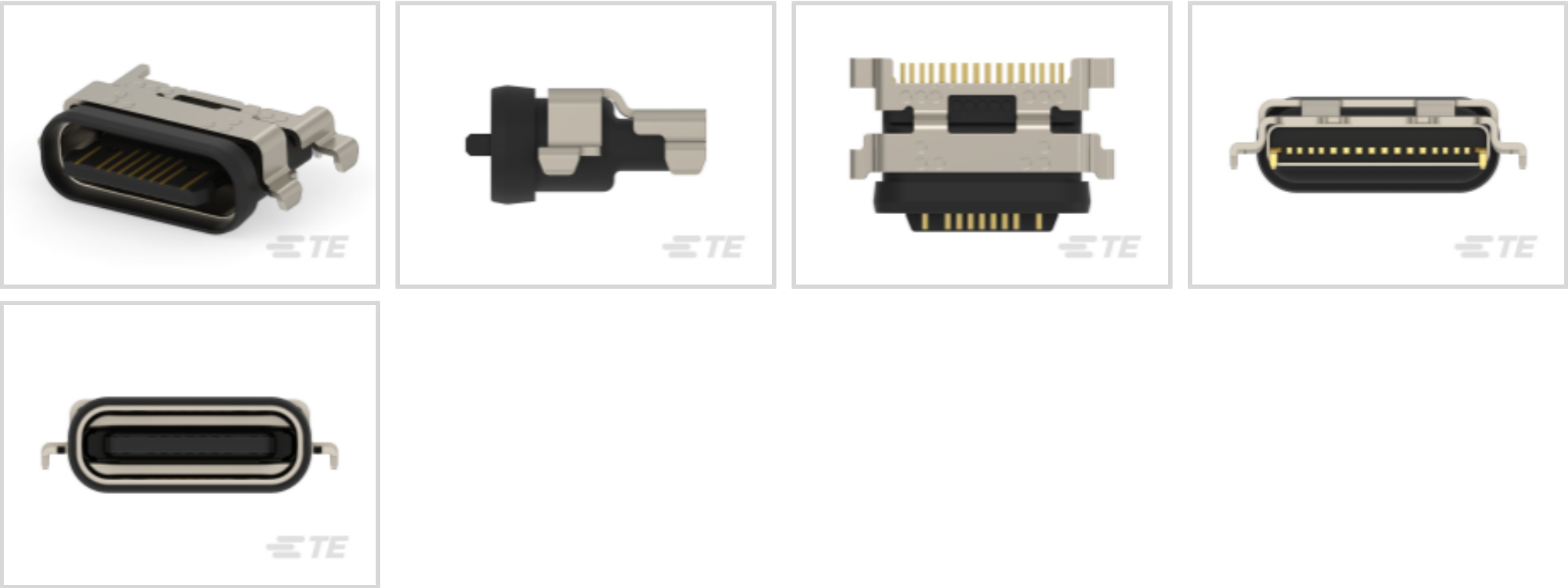




Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: C

USB Version: 2.0

Connector Profile: Offset - Overhangs PCB

Connector & Housing Type: Receptacle

Packaging Method: Piece/Reel

Features

Product Type Features

Ground Feature Type	Ground Bus
Integral Locking Latch	Without
Grounding Options	PCB Ground
USB Adapter Type	C
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 2.0 Type-C

Configuration Features

Panel Ground Location	Right/Left
Number of Positions	16

Body Features

Shell Plating Finish	Bright
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Connector Profile	Offset - Overhangs PCB
Contact Features	
Contact Underplating Material	Copper
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	5 A
Termination Features	
Termination Method to PCB	Surface Mount
Mechanical Attachment	
Locking Feature	Without
Connector Mounting Type	Board Mount
Housing Features	
Housing Color	Black
Dimensions	
PCB Thickness (Recommended)	.06 – .13 mm
Usage Conditions	
Soldering Temperature (Max)	260 °C[464 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-40 – 85 °C[-104 – 185 °F]
Operation/Application	
Halogen Free	Yes
Circuit Application	Power & Signal
Industry Standards	
Industry Standard	EIA
UL Flammability Rating	UL 94V-0
IP Rating	IPX7
Packaging Features	
Packaging Quantity	13000
Packaging Method	Piece/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	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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2495705-1
USB TYPE C RECEPTACLE FEMALE
16P IPX7



TE Part # 2495708-1
USB TYPE C RECEPTACLE 16P IPX7



TE Part # 2495155-1
USB TYPE C RECEPTACLE 16P
WATERPROOF DIP

Documents

Product Drawings
USB TYPE C RECEPTACLE 16P IPX7
English

CAD Files
Customer View Model



[ENG_CVM_CVM_2495704-1_1.3d_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2495704-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2495704-1_1.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English