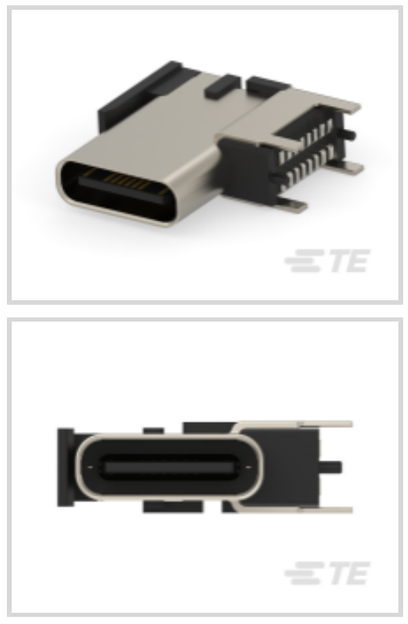
2498754-1 ✔ ACTIVE

TE Internal #: 2498754-1

C, Standard USB, 2.0, Receptacle, 16 Position, Top Mount, 1 Port, Perpendicular Right Angle, Tape & Reel, Flush, Surface Mount, Wire-to-Board

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors



USB Type: **C**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

Ground Feature Type	Ground Finger
Grounding Options	PCB Ground
USB Type	C
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Mounting Legs	2
Number of Ports	1
Number of Positions	16

Body Features

Shell Plating Finish	Bright

Shell Plating Material	Nickel
Offset	2.73 mm
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	1.08 mm[.042 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Location	Top Mount
PCB Connector Seating	Flush
PCB Mount Retention Type	Guide Post
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	Liquid Crystal Polymer (LCP) GF30
Body Orientation	Perpendicular Right Angle
Centerline (Pitch)	.75 mm[.03 in]

Dimensions

PCB Thickness (Recommended)	1.6 mm

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

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

Industry Standards

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

Packaging Features

Packaging Quantity	400
Packaging Method	Tape & Reel

Product Compliance

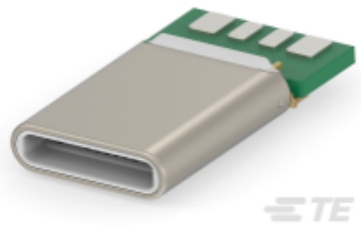
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

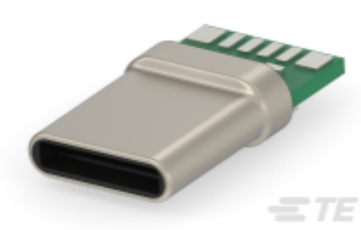
Product Compliance Disclaimer

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.

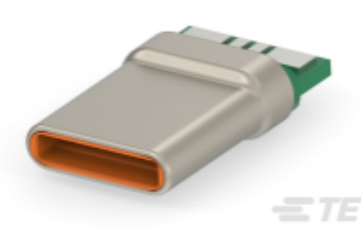
Compatible Parts



TE Part # 2495151-1
USB Type C Plug 12P



TE Part # 2495152-1
USB Type C Plug 12P



TE Part # 2495150-1
USB Type C Plug 12P

Customers Also Bought



TE Part #2198318-7
zSFP+ STACKED 2X1 RECEPTACLE ASSEMBLY

TE Part #2391605-5
DDR5SODIMM 262P 8.0H METAL LATCH STD,30u

TE Part #2392460-5
DDR5SODIMM 262P 4.0H METAL LATCH STD,30u

TE Part #2399732-7
RCP CONN RA 120 POSN OSFP 112G STACKED

TE Part #1-2401602-2
CAGE ASSEMBLY, 2X4, 2 LP, OSFP STACKED

Documents

Product Drawings

USB FLAG TYPE C RECEPTACLE 16P

English

CAD Files

Customer View Model

ENG_CVM_CVM_2498754-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2498754-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2498754-1_A.3d_igs.zip

English

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Product Specifications

Product Specification

English