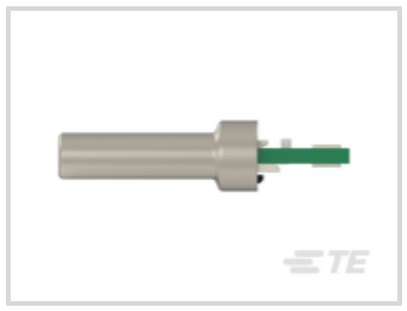
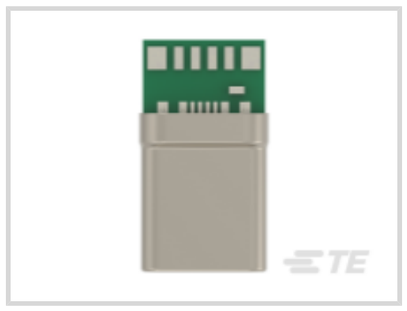
2495152-1 ✔ ACTIVE

TE Internal #: 2495152-1

C, Standard USB, 2.0, Plug, 12 Position, Piece/Tray, Surface Mount, Cable-to-Board, Printed Circuit Board, Power & Signal, Cable Mount (Free-Hanging)

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors



USB Type: **C**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Plug**

Packaging Method: **Piece/Tray**

Features

Product Type Features

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

Configuration Features

Number of Positions	12

Body Features

Shell Plating Finish	Bright
Shell Plating Material	Nickel

Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
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	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Housing Material	High Temperature Polyamide

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Halogen Free	Yes
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	6000
Packaging Method	Piece/Tray

Product Compliance

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

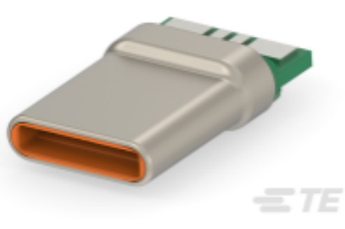
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted

	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.

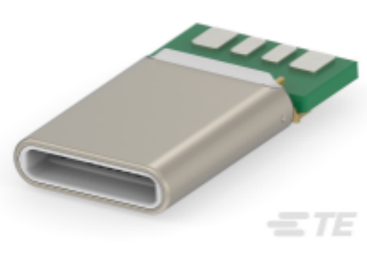
Compatible Parts



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

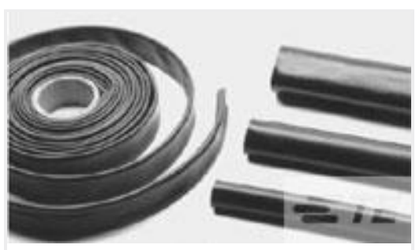


TE Part # 2498754-1
USB FLAG TYPE C RECEPTACLE 16P



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

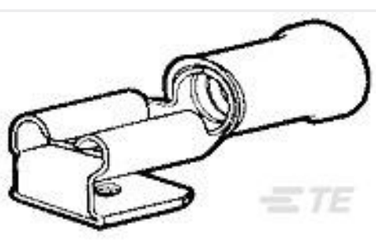
Customers Also Bought



TE Part #CB5435-000
XFFR-07X4



TE Part #87631-1
06 MODIV HSG COMP DR .100 POL



TE Part #9-160463-5
FASTON, PGYBCK, PIDG, PH BR, .250, 16-14



TE Part #4-1879352-9
RR02 5% 33R AMMO



TE Part #6-1879352-1
RR02 5% 100R AMMO



TE Part #6-1879352-8
RR02 5% 200R AMMO



TE Part #2-1879354-1
RR03 5% 2R2 AMMO



TE Part #2495701-1
USB TYPE C PLUG 24P VERTICAL MOUNT



TE Part #5161390-4
04P.DIP SWITCH ASSY

TE Part #DTM06-6S-KIT
DTM06-6S AND WEG ONLY

Documents

Product Drawings

USB Type C Plug 12P

English

CAD Files

Customer View Model

ENG_CVM_CVM_2495152-1_1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2495152-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2495152-1_1.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English