

# Std USB Type A, VT, T/H, 2.5A ✓ ACTIVE

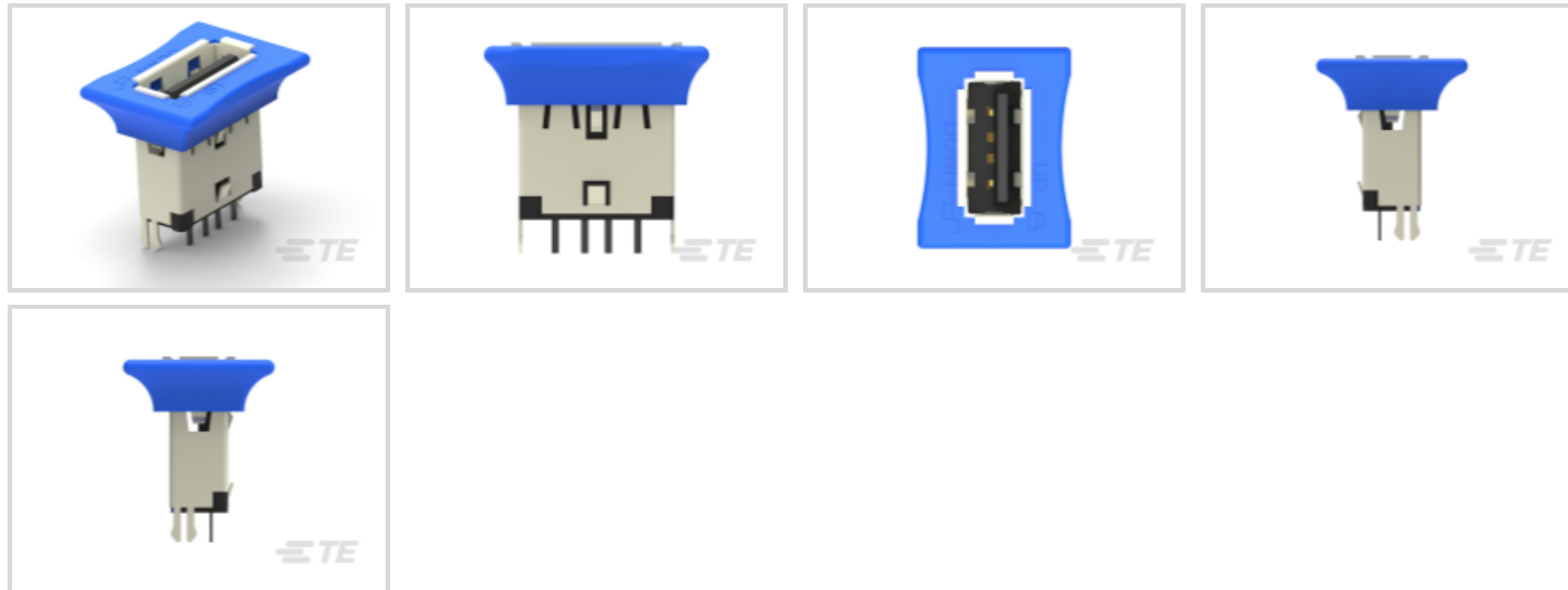
TE Part # 1775690-2

TE Internal #: 1775690-2

[View on TE.com >](#)



Connectors > Audio & Video Connectors > USB Connectors



USB Type: A

USB Version: 2.0

Size: Standard

Connector Style: Receptacle

Number of Ports: 1

## Features

### Product Type Features

USB Type	A
USB Version	2.0
Size	Standard
Connector Style	Receptacle
Orientation	Vertical
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector
LED	Without

### Configuration Features

Number of Mounting Legs	2
Number of Ports	1
Number of Positions	4

### Body Features

Shell Plating Material	Nickel
------------------------	--------

### Contact Features

Contact Current Rating (Max)	2.5 A
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	.76 $\mu\text{m}$ [29.92 $\mu\text{in}$ ]

#### Termination Features

Contact Termination Type	Through Hole
Termination Method to Printed Circuit Board	Wave Solder
Termination Method	Solder

#### Mechanical Attachment

Lock Device Color	Blue
Locating Posts	Without
Mounting Location	Top
Locking Feature	With
PCB Connector Seating	Flush
PCB Mount Retention Type	Boardlock
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount

#### Housing Features

Centerline (Pitch)	2 mm, 2.5 mm[.078 in][.098 in]
Housing Material	Thermoplastic
Housing Color	Black

#### Dimensions

Tail Length	3.5 mm[.138 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

#### Usage Conditions

Soldering Temperature (Max)	240 $^{\circ}\text{C}$ [464 $^{\circ}\text{F}$ ]
Mating Cycles (Max)	1500
Operating Temperature Range	-20 – 85 $^{\circ}\text{C}$ [-4 – 185 $^{\circ}\text{F}$ ]

#### Operation/Application

Halogen Free	No
Pick & Place Capable	No
Circuit Application	Power & Signal

#### Industry Standards



Moisture Sensitivity Level	5a
Industry Standard	USB 2.0
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	100

### 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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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 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