

# ADAM TECH



USB-A OVER USB-C COMBO  
CONNECTORS



Adam Tech diversifies its USB series with the combination of a USB Type-A and USB Type-C port in one connector. The dual-port design minimizes the space required to house two USB ports, which alleviates capacity constraints in product design. In addition, it increases the volume and diversity of devices that are compatible with its accompanied products. This multifunctional connector is offered in both a vertical mount and right angle mount orientation in order to accommodate any application.

#### APPLICATIONS:

- Multi-device charging
- Multi-media systems
- Multi-device data transfer
- Computers and peripherals
- Consumer electronics



#### FEATURES AND BENEFITS:

- Connection for both USB Type-A and Type-C
- High speed I/O interface
- Shielded for EMI/RFI protection
- High temperature thermoplastic insulator
- Hot pluggable
- Type-C: reversible connector and speeds up to 10 Gbps
- Operating temperature: -30°C to +85°C
- Meets USB Type-A and USB Type-C specifications
- RoHS compliant

#### USB-A3-C31-D-RA-CS1



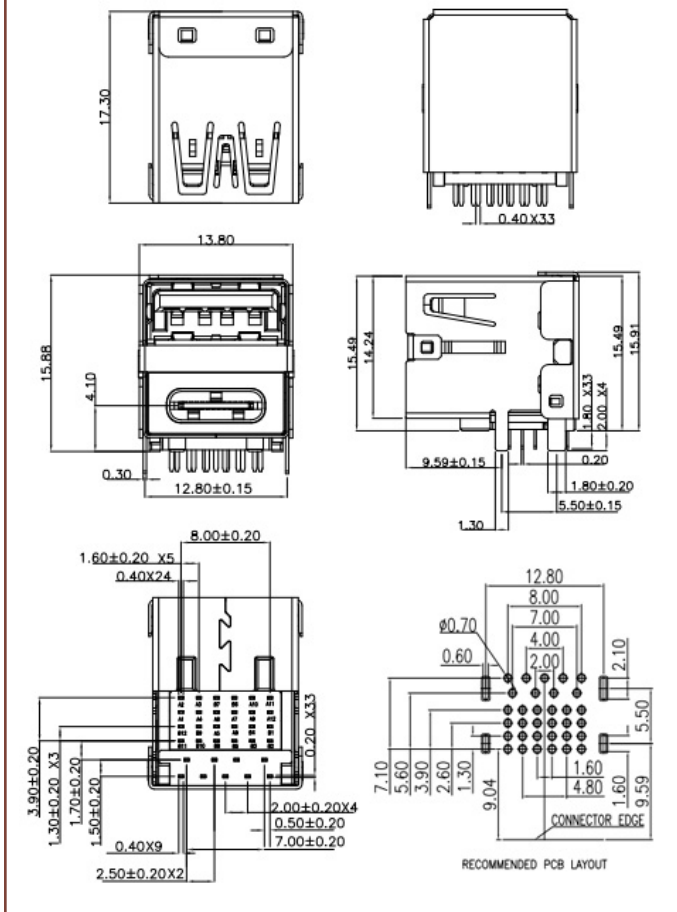
USB 3.0 Type A and USB 3.1 Type C  
Right Angle Mount

#### USB-C31-A-D-VT-CS1

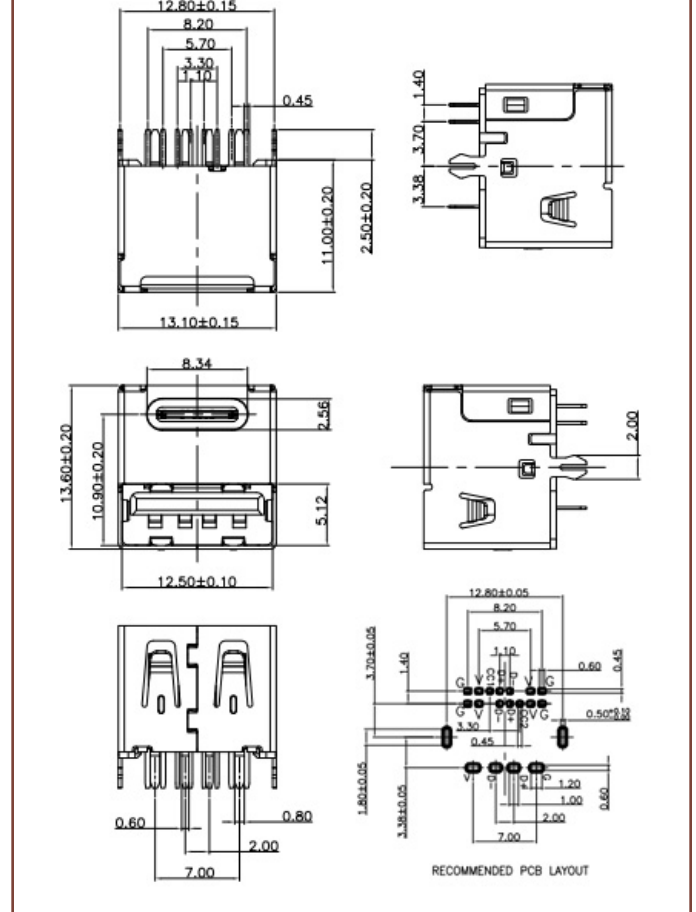


USB 2.0 Type A and USB 3.1 Type C  
Vertical Mount

## USB-A3-C31-D-RA-CS1



## USB-C31-A-D-VT-CS1



### SPECIFICATIONS:

#### Material:

Insulator: High Temp Thermoplastic, rated UL 94V-0  
 Insulator Color: Black  
 Contacts: Copper Alloy  
 Shell: Stainless Steel, SUS301, Nickel plated

#### Plating:

Gold flash over Nickel underplate on contact area  
 Tin over Nickel underplate on solder tails

#### Temperature Rating:

Operating temperature: -30°C to +85°C

#### Environmental:

Lead free, RoHS compliant

#### Electrical:

Current Rated:  
 USB-A3-C31-D-RA-CS1:  
 Type-A: 1.5 A max @250 VAC min  
 Type-C: 5.0 A max @250 VAC min  
 USB-C31-A-D-VT-CS1:  
 Type-A: 5.0 A max  
 Type-C: 8.0 A max  
 Contact Resistance: 30 Mohms  
 Insulation Resistance: 100 Mohms  
 Dielectric withstanding voltage: 100 VAC

# ADAM TECH

## ADAM TECH USA

(WORLDWIDE HQ)

909 Rahway Ave.  
Union, NJ 07083  
U.S.A.  
Tel: 908-687-5000  
Fax: 908-687-5710

## ADAM TECH TAIWAN

9F-3, No. 10, Lane 609, Sec. 5, Chongxin Rd.  
Sancong Dist., New Taipei City 241  
Taiwan (R.O.C.)  
Tel: 886-2 2999 8028  
Fax: 886-2 2999 8062

## ADAM TECH EUROPE

Marcel Schwob  
Ludwig-Erhard-Allee 10  
76131 Karlsruhe, Germany  
Tel: +49 (0) 176 47286567  
marcel.schwob@adam-tech.com

## ADAM TECH CHINA

Yingfeng 1st Road, Dajingtou Community  
Dalang Town, Dongguan City  
Guangdong Province  
China (P.R.C.)  
Tel: 886-2 2999 8028  
Fax: 886-2 2999 8062

## ADAM TECH SOUTH AMERICA

Cesar Nakajune  
Sao Paulo, Brazil  
Tel: 55-11-2376-2983  
cesar.nakajune@seed4b.com

To contact us, scan the QR  
code to reach our website  
inquiry form.



[adam-tech.com](http://adam-tech.com)