

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



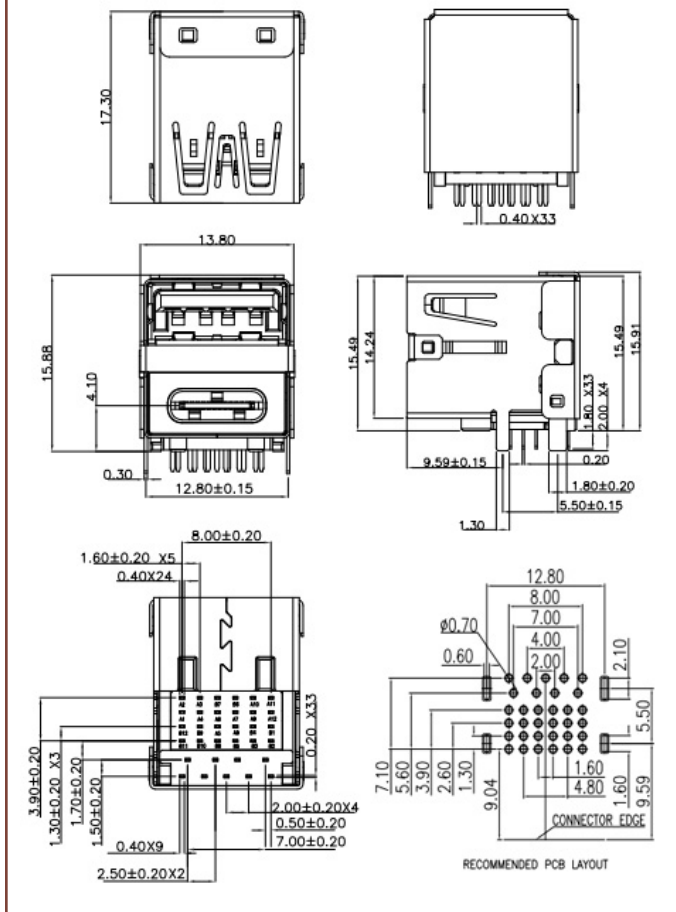
USB 3.0 Type A and USB 3.1 Type C
Right Angle Mount

USB-C31-A-D-VT-CS1

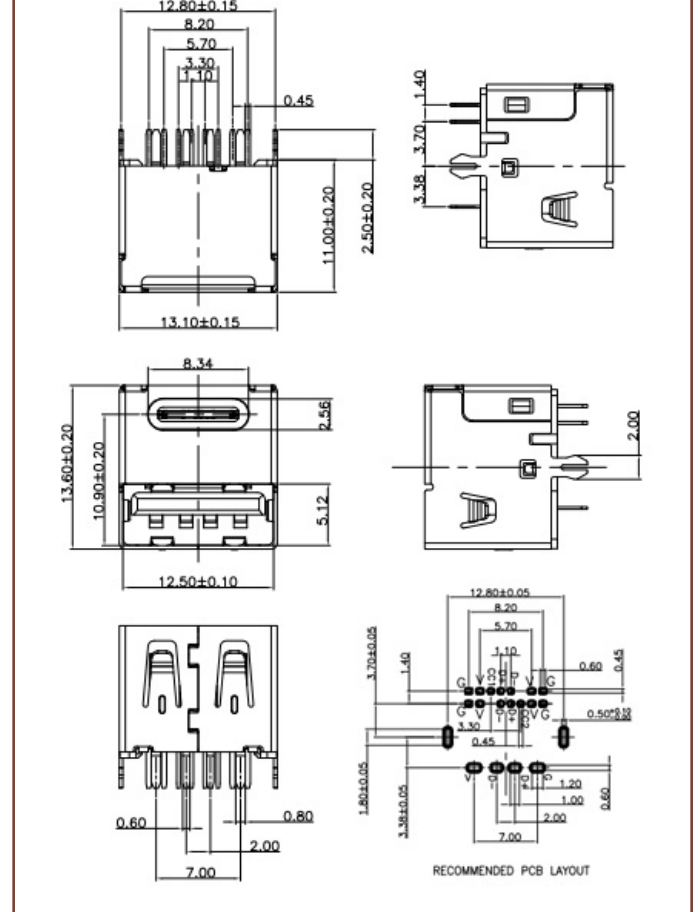


USB 2.0 Type A and USB 3.1 Type C
Vertical Mount

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

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