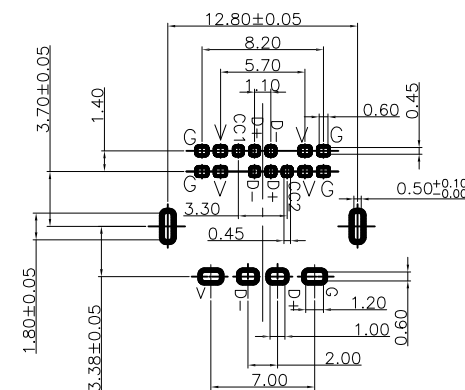
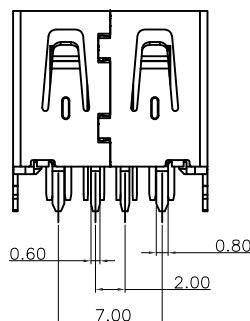
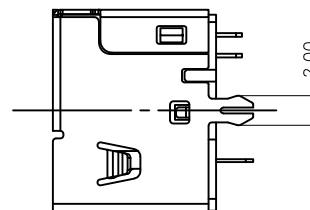
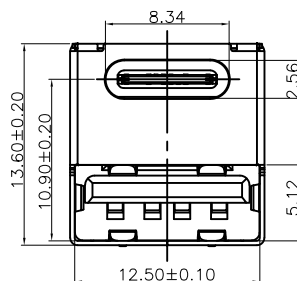
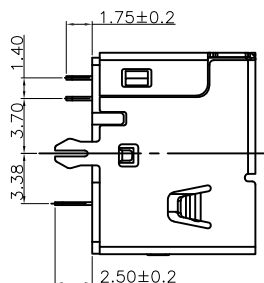
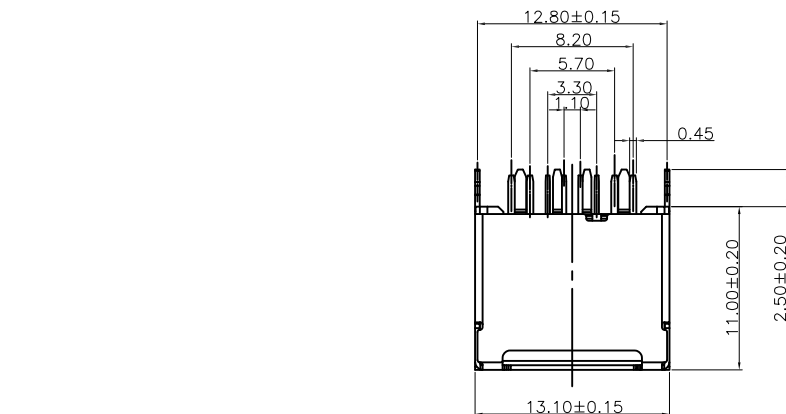


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/14/19	
A		UPDATE SPEC.	5/18/20	LH/KC



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: High Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Center Piece: Stainless Steel

Shell: Steel, Nickel plated

Clip: Nickel Plated

Plating:

Gold flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Rated current: Type-C: 8.0 A max

USB2.0: 5.0 A max

Contact resistance: 40 mohms max.

Insulation resistance: 100 Mohms

Dielectric withstanding voltage: 100 VAC

Mechanical:

Mating Force: Type-C: 5N~20N

USB 2.0: 35N max

Durability: Type-C: 10,000 Cycles

USB 2.0: 3,000 Cycles

Temperature Rating:

Operating temperature: -30°C to +85°C

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		
	MM	ANGLE
X.	± 0.50	± 1°
.X	± 0.25	
.XX	± 0.15	
.XXX	± 0.10	

APPROVALS		DATE
DRAWN	LH	11/14/19
CHECKED	TW	11/14/19
APPROVED		

ADAM
TECH
INTERCONNECTS

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE UNIVERSAL SERIAL BUS, DUAL PORT, VERTICAL, C31 TYPE OVER A 2.0, PCB, TERMINALS		
SIZE X	PART NO. USB-C31/A-D-VT-CS1	REV. A
REF: S00288T	SCALE: NTS	SHEET 1 OF 1

Mouser Electronics

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