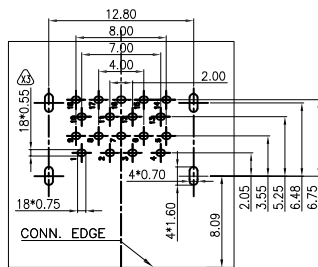


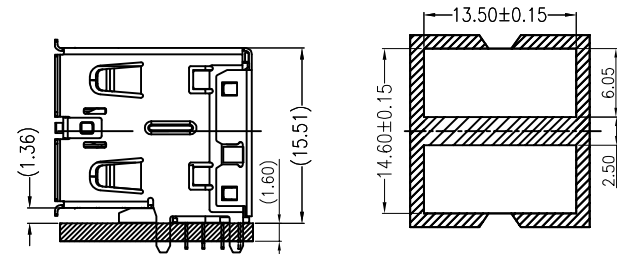
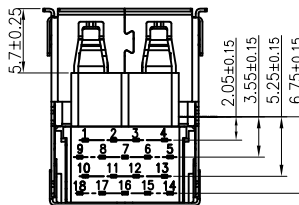
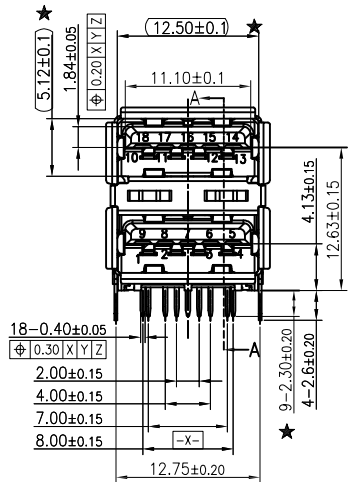
APPROVED: _____

DATE: _____ TITLE: _____

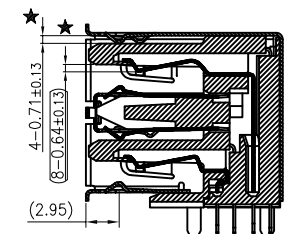
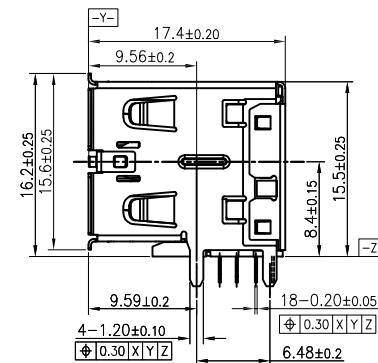
Rev	AWO #	Description	Date	Appr
-		RELEASED	2/1/23	
A		UPDATED TITLE	6/27/24	JJ/RC



RECOMMENDED PCB LAYOUT (COMPONENT TOP VIEW)
P.C.B THICKNESS=1.60mm (TOLERANCE=±0.05)



RECESSED MOUNTING CONFIGURATION



SECTION A-A

SPECIFICATIONS:

Material:

Insulator: (LCP) Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Shell: SUS304, Nickel Plated

Plating:

15u" Gold over Nickel underplate on contact area,

Matte Tin over Nickel underplate on solder tails.

Electrical:

Voltage rating: 9 VAC

Current rating: 2 Amp For VBUS Pin and ITS Corresponding GND Pin

0.5 Amp Other Contacts

Contact resistance: 30 mΩ max

Insulation resistance: 1,000 Mohms min.

Dielectric withstanding voltage: 500 VAC (RMS)

Temperature Rating:

Operating temperature: -10°C to +55°C

Environmental:

Lead free, RoHS compliant.



PIN ASSIGNMENT:

Pin No.	1	2	3	4	5	6	7	8	9
Pin No.	10	11	12	13	14	15	16	17	18
Signal Name	VBUS	D-	D+	GND	STDA_SSRX-	STDA_SSRX+	GND_DRAIN	STDA_SSTX-	STDA_SSTX+
Remark	USB2.0 Contact Pin				USB3.0 Contact Pin				

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM
.XX ± .25
.XXX ± .1
ANGLE
± 2°

DRAWN	JJ	2/1/23
CHECKED	TY	2/1/23
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

ADAM
TECH

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

TITLE
UNIVERSAL SERIAL BUS, TYPE A 3.0
RIGHT ANGLE, DUAL PORT, 15u" SEL GOLD PLATED
TRANSMISSION EFFICIENCY: 5 GBPS

SIZE X	PART NO. USB-A3-D-RA-A3B-HT-HF-15-T/R	REV. A
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REF: S00005C	SCALE: NTS	SHEET 1 OF 1
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