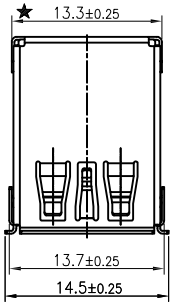
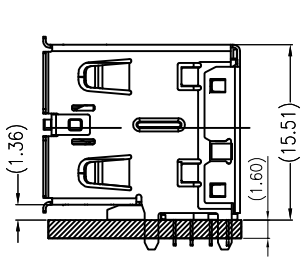
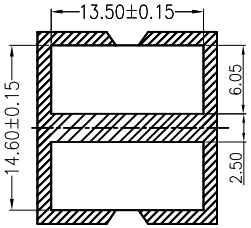
APPROVED: _____

DATE: _____ TITLE: _____

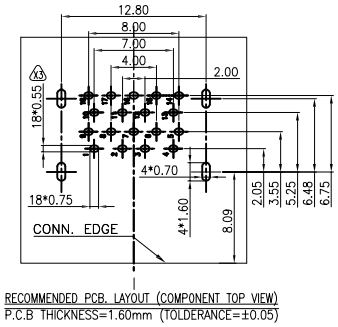
Rev	AWO #	Description	Date	Appr
-		RELEASED	2/1/23	
A		UPDATE TITLE	6/27/24	JJ/RC
B		UPDATE TITLE	5/11/26	LW1/RC



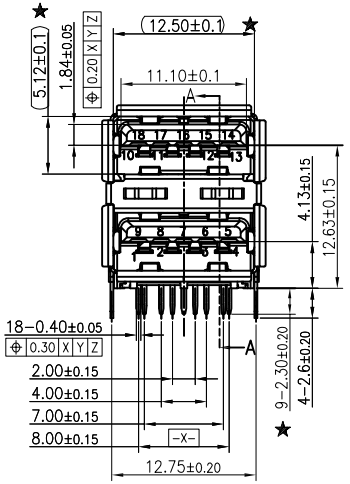


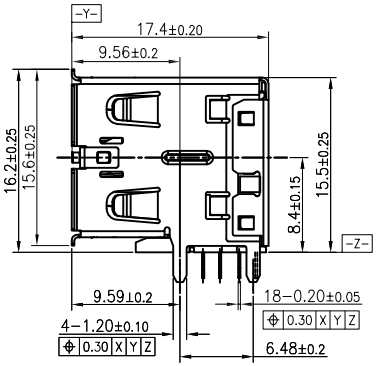


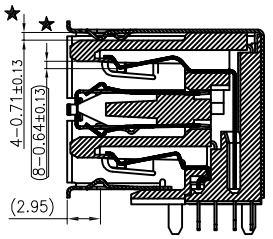
RECESSED MOUNTING CONFIGURATION



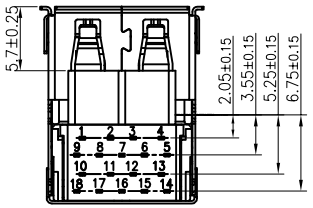
RECOMMENDED PCB LAYOUT (COMPONENT TOP VIEW)
P.C.B THICKNESS=1.60mm (TOLDERANCE=±0.05)







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 Corpesponding 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.

RoHS COMPLIANT | Deca BDE-free Halogen-free

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 .X ± 0.25 .XX ± 0.20 .XXX ± 0.10 ANGLE ± 2°

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

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ADAM TECH
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE: UNIVERSAL SERIAL BUS, TYPE A 3.0
RIGHT ANGLE , DUAL PORT, 15u" SEL GOLD PLATED
TRANSMISSION EFFICIENCY: 3.2 Gen 1 (5Gb/s)

SIZE	PART NO.	REV.
X	USB-A3-D-RA-A3B-HT-HF-15-T/R	B

REF:	SCALE:	SHEET
S00005C	NTS	1 OF 1