

6

5

4

3

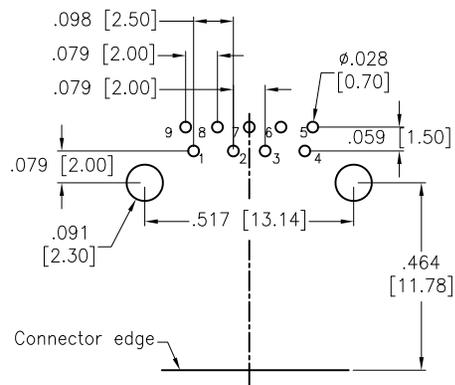
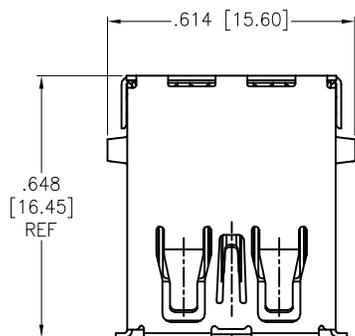
2

1

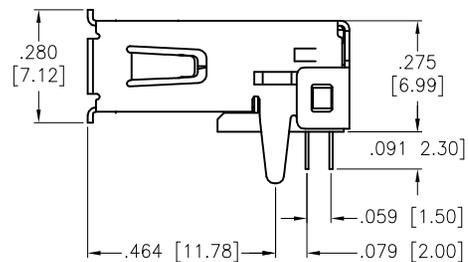
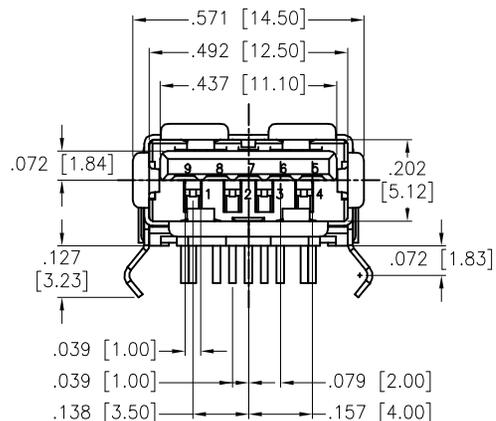
APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/5/22	



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

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

Insulator color: Blue

Contacts: Copper Alloy

Shell: Brass, Nickel plated

Plating:

Gold flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails.

Electrical:

Voltage rating: 30 Vrms max

Current rating: 1.8 AMP

Contact resistance: 30 mohms max

Insulation resistance: 100 Mohms min @ 500 VDC

Dielectric withstanding voltage: 100 VAC, Test Time: 1 SEC min

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant.



PIN NO.	1	2	3	4	5	6	7	8	9
SIGNAL NAME	VBUS	D-	D+	GND	SSRX-	SSRX+	GND_DRAIN	SSTX-	SSTX+
REMARK	USB2.0 CONTACT PIN				USB3.0 CONTACT PIN				

CONNECTOR PIN SIGNAL NAME

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED	
INCHES	HOLES
.X ±.10	Ø.X ±.10
.XX ±.020	Ø.XX ±.015
.XXX ±.015	Ø.XXX ±.010



DRAWN	LH	9/5/22
CHECKED	TY	9/5/22
APPROVED		

TITLE		
UNIVERSAL SERIAL BUS, TYPE A		
FEMALE, RIGHT ANGLE, HI-TEMP, DIP TYPE		

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

SIZE	PART NO.	REV.
X	USB-A3-S-RA-HT	-
REF: S00005C	SCALE: NTS	SHEET 1 OF 1

6

5

4

3

2

1