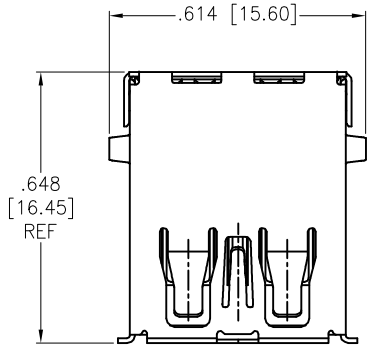
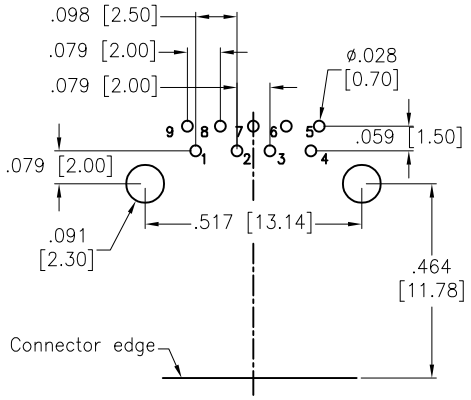
APPROVED: _____

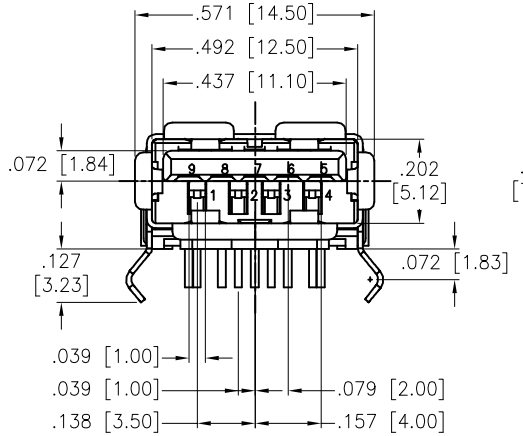
DATE: _____ TITLE: _____

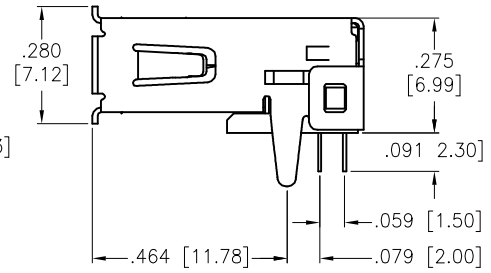
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/18/09	
A		UPDATED DRAWING	11/6/18	HR/MY
B		UPDATED SPEC.	12/23/19	AY/RT
C		UPDATE TITLE	5/11/26	LW1/RC





RECOMMENDED PCB LAYOUT





SPECIFICATIONS:

Material:
Insulator: PBT, glass reinforced, 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:
Current rating: 1.8 AMP @ 250VAC
voltage rating: 30 Vrms max
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. 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	.X	± .10	HOLES	Ø.X	±.10
	.XX	± .020		Ø.XX	±.015
	.XXX	± .015		Ø.XXX	±.010

DRAWN	DY	12/18/09
CHECKED		
APPROVED		

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

TITLE: UNIVERSAL SERIAL BUS, TYPE A
FEMALE, RIGHT ANGLE, DIP TYPE
TRANSMISSION EFFICIENCY: 3.2 Gen 1 (5Gb/s)

SIZE	PART NO.	REV.
X	USB-A3-S-RA	C

REF:	SCALE:	SHEET
S00005C	NTS	1 OF 1