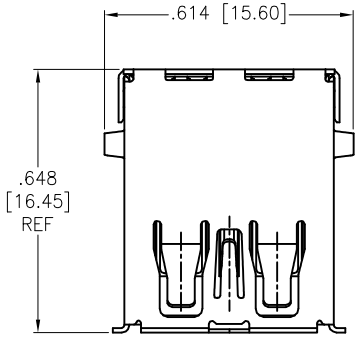
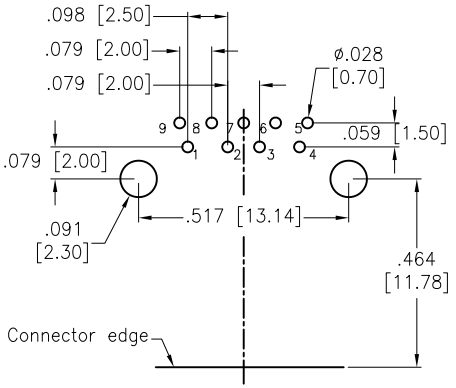
APPROVED: _____

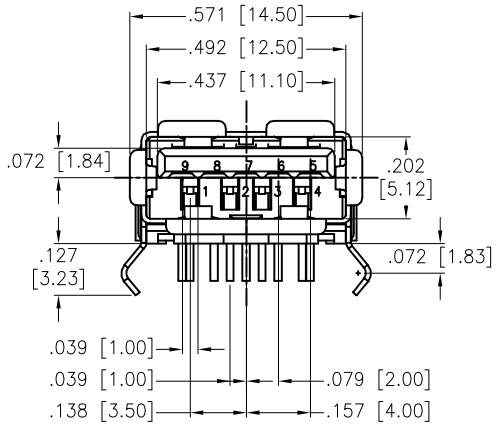
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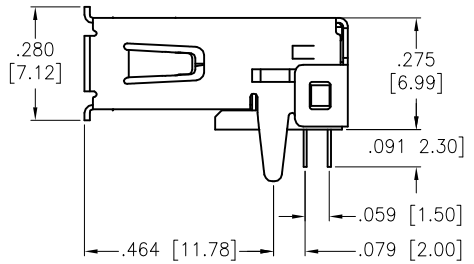
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/18/09	
A		UPDATED DRAWING	11/6/18	HR/MY
B		UPDATED SPEC.	12/23/19	AY/RT





RECOMMENDED PCB LAYOUT





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

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

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

APPROVALS		DATE
DRAWN	DY	12/18/09
CHECKED		
APPROVED		

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

TITLE: UNIVERSAL SERIAL BUS, TYPE A
FEMALE, RIGHT ANGLE, DIP TYPE

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

REF:	SCALE:	SHEET
S00005C	NTS	1 OF 1

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ADAM TECH:

PH1RB-02-UA PLCC-52-AT SPH2-16-U-SMT CDH-11 DB25-PT-1BLJS EB163A-05-C-180 ICS640T SW-PB8-AA00B2GE-2 DA15-PT-2 PH1-20-U-A PH1RA-03-UA BHR-10-VUA SMC-2-08-1-GT ICM-316-1-GT-HT 25CH-B-07 DMF-02-S MMI-P1PG10SGG52 MTJ-88AX1-FSN-LH-M4S 1CH-A-10 2PH1-16-UA-SMT-B BHR-20-VUA EBJA-04-C-BK EBSA-02-A ESMC-F-80-SGS-SMT-B-PP-T/R RF55-29L-T-00-50-G-SH SD-PNN10-MMLAL-S00-000 MDJ-009-FS SW-PB7-1Z-A-RG-H-3-G2A RF1-07-T-00-75 SW-PB7-07LB42CRRG12V