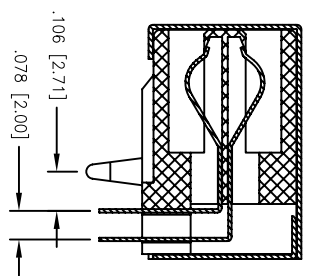
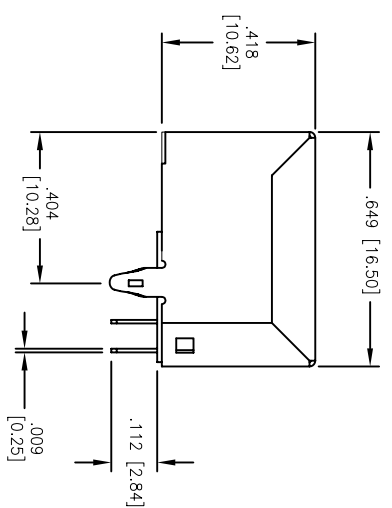
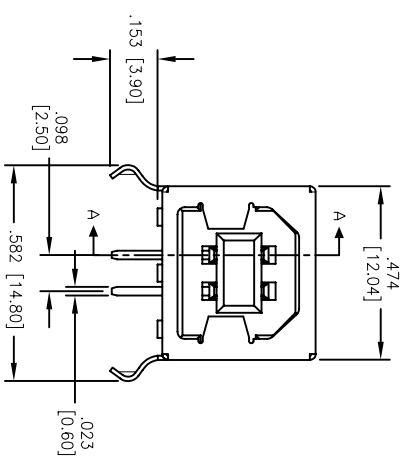
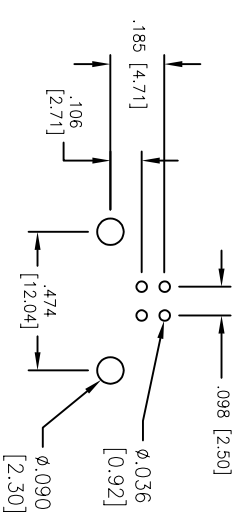
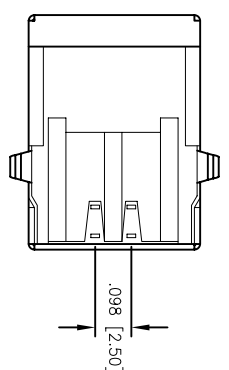


Rev	AWO #	Description	Date	Appr
-		RELEASED	12/30/04	
A		REDESIGN	9/1/05	
B		REDESIGN	12/28/05	

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



SECTION A-A



RECOMMENDED  
PCB LAYOUT

**SPECIFICATIONS:**  
**Material:**  
 Insulator: PBT, glass filled, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Phosphor Bronze  
 Shell: Copper Alloy, Nickel plated  
**Plating:**  
 Gold Flash over Nickel underplate on contact area,  
 Tin over Copper underplate on PCB tails  
**Electrical:**  
 Operating voltage: 30 VAC max.  
 Current rating: 1 Amp max.  
 Contact resistance: 30 mohms max.  
 Insulation resistance: 1,000 Mohms min.  
 Dielectric withstanding voltage: 500 VAC for 1 minute  
**Temperature Rating:**  
 Operating temperature: -20°C to +85°C  
**Environmental:**  
 Lead free, RoHS compliant.  
 Recommended soldering temp: 235 for 5 sec.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MM [INCHES] TOLERANCES EXCEPT AS NOTED INCHES		TITLE	
X ± .10	ØX ± .10	USB, TYPE B, SINGLE PORT, RIGHT ANGLE, THRU-HOLE, GOLD FLASH	
.XX ± .020	ØXX ± .015	ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
.XXX ± .015	ØXXX ± .010	PART NO. USB-B-S-RA	
APPROVALS	DATE	SIZE X	REV. B
DRAWN SS	11/29/05	PART NO.	SCALE: NTS
CHECKED		SIZE X	SHEET 1 OF 1
APPROVED		REV. B	