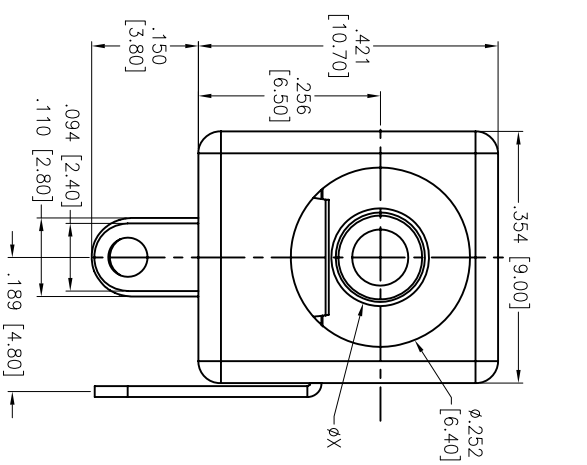
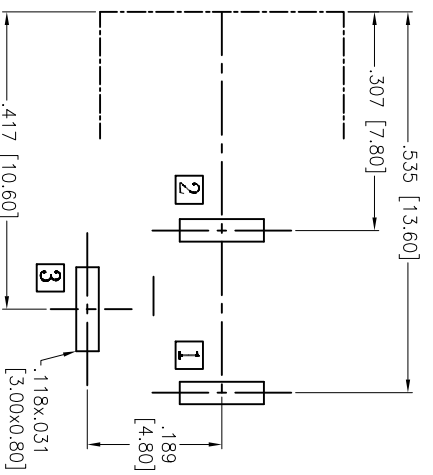
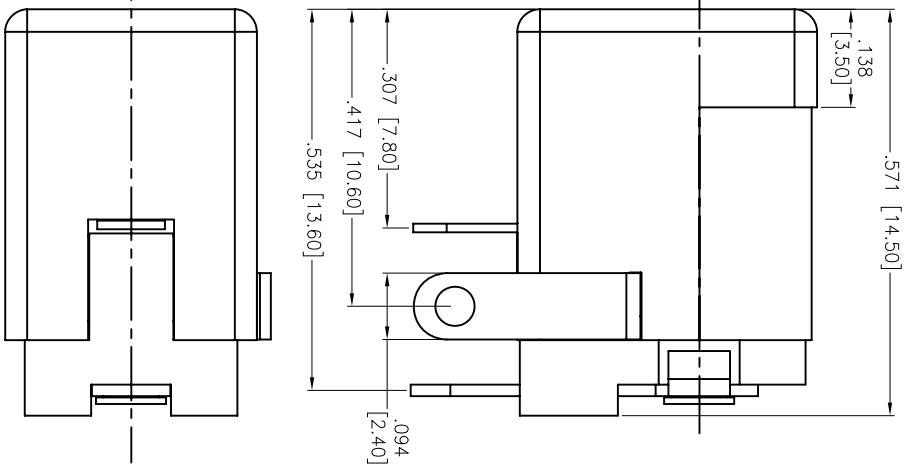


Rev	AWO #	Description	Date	Appr
-		Redrawn	10/18/04	
A		REDRAWN	12/5/11	
B		REVISED SPEC. & DIM.	11/13/12	

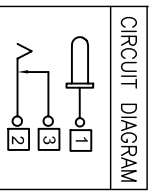
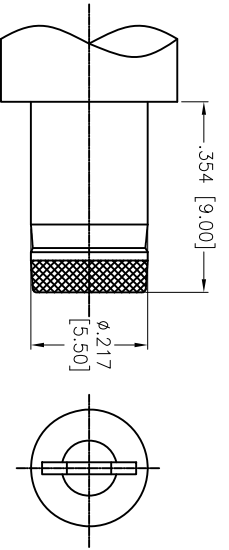
APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



P/N	Dim. X
ADC-002A-1	.079 [2.00 mm]
ADC-002A-2	.098 [2.50 mm]
ADC-002A-5	.093 [2.35 mm]
ADC-002A-9	.065 [1.65 mm]



RECOMMENDED PCB LAYOUT



CIRCUIT DIAGRAM

**SPECIFICATIONS:**

**Material:**  
 Insulator: PBT, rated UL 94V-0  
 Insulator color: Black  
 Cover: PBT, rated UL 94V-0, Color Black  
 Center Pin: Brass, Nickel plated  
 Contacts: Copper Alloy  
 Spring: Phosphor Bronze, Tin plated  
 Plating:  
 Tin over Copper underplate overall  
**Electrical:**  
 Operating voltage: 16 VDC max  
 Current rating: 5 Amp max  
 Contact resistance: 30 mohms max  
 Insulation resistance: 100 Mohms min @ 500 VDC  
 Dielectric withstanding voltage: 500 VAC for 1 minute  
 Temperature Rating:  
 Operating temperature: -20°C to +85°C  
**Environmental:**  
 Lead free, RoHS compliant.



**ADAM TECH**

909 Railway Avenue, Union, NJ 07083  
 Phone: 908-687-5000 Fax: 908-687-5710

TITLE: DC POWER JACK, CENTER PIN  
 2.00MM, 2.35MM, 2.50MM 1.65MM

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MM [INCHES]	
TOLERANCES: EXCEPT AS NOTED	
INCHES	HOLES
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010
APPROVALS	DATE
DRAWN SS	10/18/04
CHECKED	
APPROVED	

REF: S0002C	SCALE: NTS	SHEET 1 OF 1
SIZE X	PART NO. ADC-002A-X	REV. B