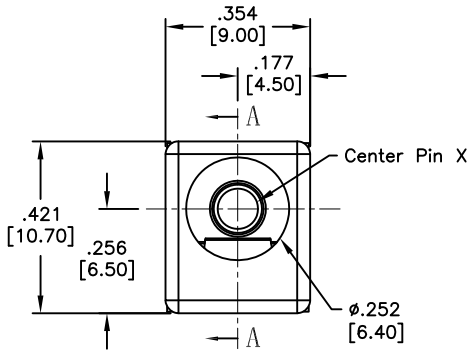
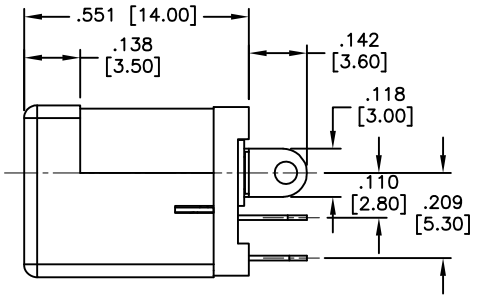
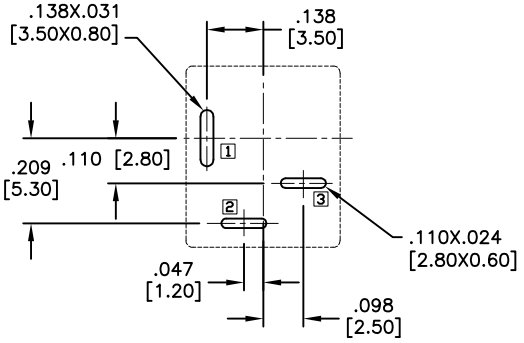
APPROVED: _____

DATE: _____ TITLE: _____

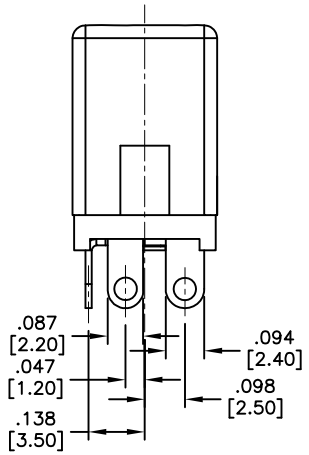
Rev	AWO #	Description	Date	Appr
-		RELEASED	10/26/06	
A		UPDATED & CORRECTED DIMENSIONS	11/03/06	
B		REDRAWN	1/17/12	
C		REVISED DIM.	5/31/12	

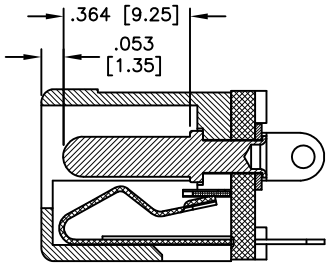




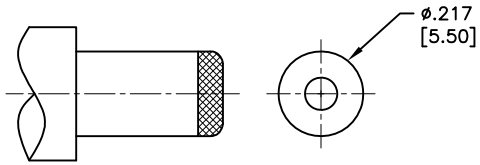


RECOMMENDED
PCB LAYOUT





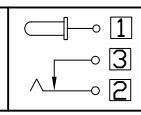
SECTION A-A



DC MATE PLUG

SPECIFICATIONS:
Material:
Insulator: Hi-temp thermoplastic, Glass reinforced, rated UL 94V-0
Insulator color: Black
Center Pin: Brass, Nickel plated
Contacts: Copper Alloy
Plating:
Silver over Nickel underplate
Electrical:
Operating voltage: 20 VDC max.
Current rating: 3 Amp max.
Contact resistance: 30 mohms max. initial
Insulation resistance: 100 Mohms min.
Dielectric withstanding voltage: 500 VAC for 1 minute
Temperature Rating:
Operating temperature: -20°C to +70°C
Environmental:
Lead free, RoHS compliant

RoHS COMPLIANT

SCHEMATIC	

PART NO.	CENTER PIN DIA.
ADC-010-1-HT	.079 [2.00]
ADC-010-2-HT	.098 [2.50]
ADC-010-5-HT	.092 [2.35]

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	BW	10/26/06
CHECKED		
APPROVED		

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

TITLE: DC POWER JACK

SIZE	PART NO.	REV.
X	ADC-010-X-HT	C

REF:	SCALE:	SHEET
S00002C	NTS	1 OF 1