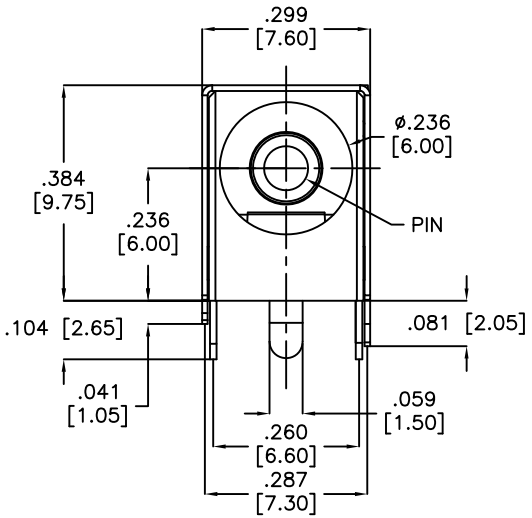
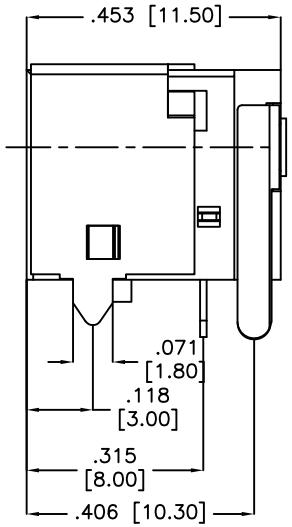
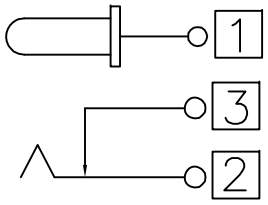
Rev	AWO #	Description	Date	Appr
-		RELEASED	1/11/11	

APPROVED: _____

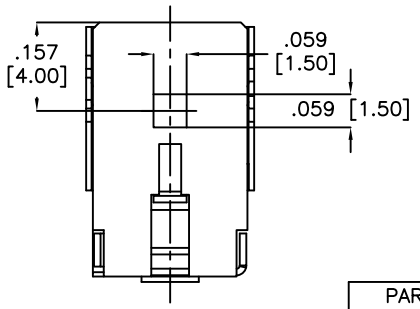
DATE: _____ TITLE: _____

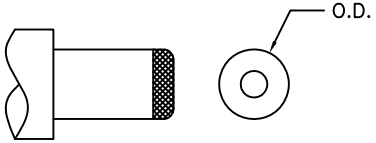






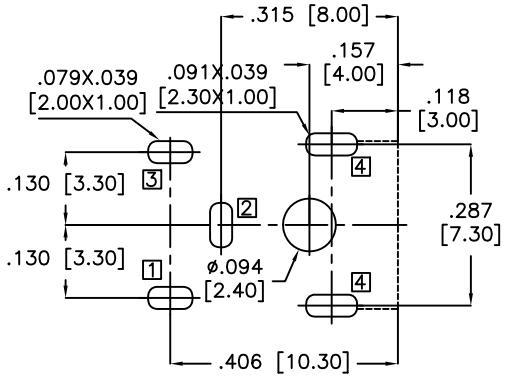
CIRCUIT DIAGRAM





DC MATE PLUG

PART NO.	PIN	O.D.
ADC-043-9-FS	ø.065 [1.65]	ø.157 [4.00]
ADC-043-1-FS	ø.079 [2.00]	ø.217 [5.50]
ADC-043-5-FS	ø.093 [2.35]	ø.217 [5.50]
ADC-043-2-FS	ø.098 [2.50]	ø.217 [5.50]



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:
Material:
Insulator: PBT, Glass reinforced, rated UL 94V-0
Insulator color: Black
Center Pin: Brass
Contacts: Brass
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: -25°C to +70°C
Environmental:
Lead free, RoHS compliant
Recommended soldering temp: 235°C for 5 sec.

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	1/11/11
CHECKED		
APPROVED		

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

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

SIZE	PART NO.	REV.
X	ADC-043-X-FS	-

REF:	SCALE:	SHEET
S00002C	NTS	1 OF 1