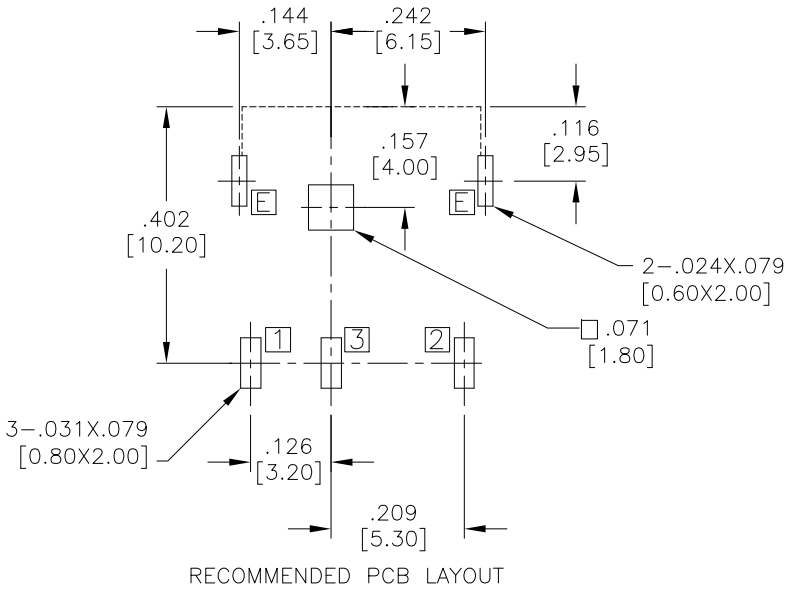
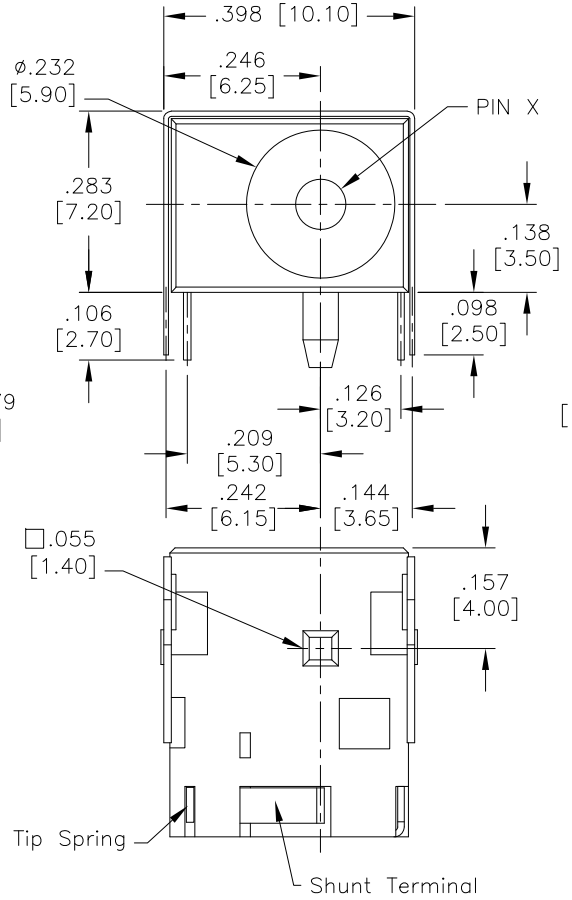
APPROVED: _____

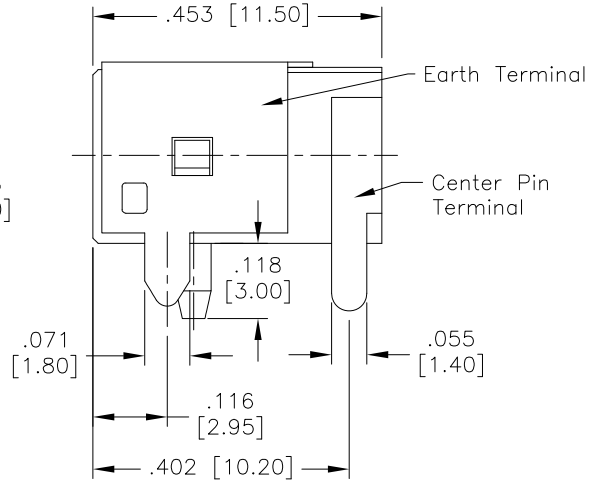
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/04/09	
A		ADDED PART NO.	2/18/11	
B		REDRAWN	8/1/14	AY/MW
C		REVISED SPEC.	7/6/15	AY/MY



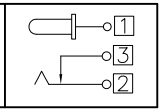
RECOMMENDED PCB LAYOUT





PART NO.	CENTER PIN DIA.
ADC–045A–1	.079 [2.00]
ADC–045A–2	.098 [2.50]
ADC–045A–5	.093 [2.35]
ADC–045A–9	.065 [1.65]

SCHEMATIC



SPECIFICATIONS:

Material:

Insulator: PBT, rated UL 94V–0

Insulator color: Black

Center Pin: Brass, Nickel plated

Center Pin Terminal: Brass, Silver plated

Earth Terminal: Brass, Nickel plated

Shunt Terminal: Brass, Silver plated

Tip Spring: Phosphor Bronze, Silver plated

Electrical:

Operating voltage: 30 VDC max.

Current rating: 0.5 Amp max.

Contact resistance: 30 mohms max.

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

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	5/04/09
CHECKED		
APPROVED		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

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

SIZE	PART NO.	REV.
X	ADC-045A-X	C

REF: S00002C | SCALE: NTS | SHEET 1 OF 1