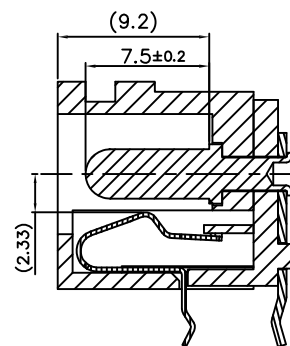
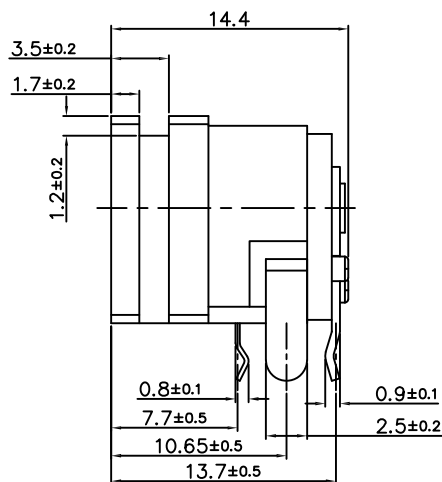
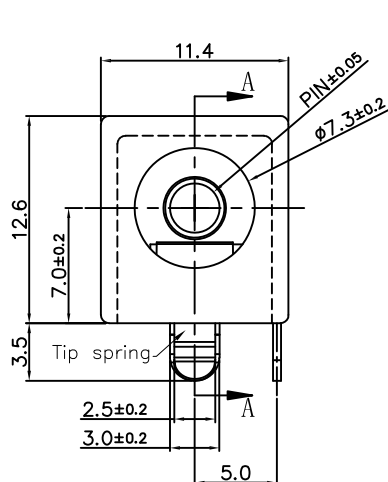


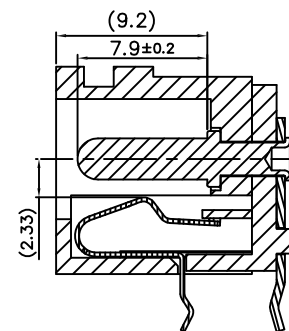
APPROVED: _____

DATE: _____ TITLE: _____

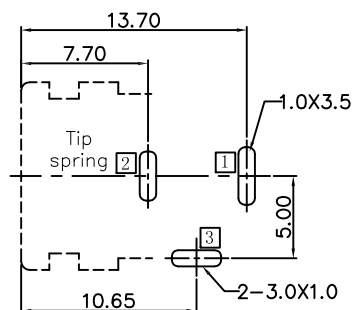
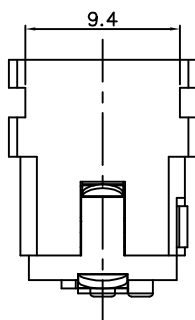
Rev	AWO #	Description	Date	Appr
-	10652	RELEASED	10/27/10	
A		Operating Temp was -25°C to +70°C	8/12/14	
B		UPDATED DRAWING	11/16/18	HR/AC1



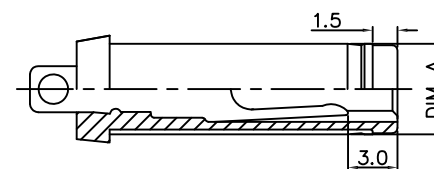
SECTION A-A
Ø3.0



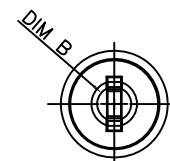
SECTION A-A
Ø2.0 & Ø2.5



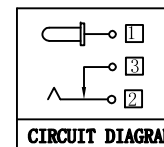
RECOMMENDED PCB LAYOUT



DC MATE PLUG



Model No.	ADC-033-1	ADC-033-2	ADC-033-10
PIN	Ø2.0	Ø2.5	Ø3.0
DIM A	Ø6.3±0.05	Ø6.3±0.05	Ø6.55±0.05
DIM B	Ø2.05 ^{+0.10} _{-0.00}	Ø2.55 ^{+0.10} _{-0.00}	Ø3.05 ^{+0.10} _{-0.00}



CIRCUIT DIAGRAM

SPECIFICATIONS:

Material:

Insulator: PBT, rated UL 94V-0

Insulator color: Black

Center Pin: Copper Alloy

Contacts: Copper Alloy

Tip spring: Stainless Steel, Tin plated

Plating:

Tin over Copper underplate overall

Electrical:

Rating: 20VDC, 3A

Contact resistance: 50 mohms max.

Insulation resistance: 100 Mohms min @ 500 VDC.

Dielectric withstanding voltage: 500 VAC

Temperature Rating:

Operating temperature: -20°C to +70°C

Environmental:

Lead free, RoHS compliant



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED

MM	ANGLE
.X ± 0.50	X ± 5°
.XX ± 0.30	.X ± 3°
.XXX ± 0.15	.XX ± 2°

APPROVALS		DATE
DRAWN	DY	10/27/10
CHECKED		
APPROVED		

ADAM TECH
INTERCONNECTS

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

TITLE			
DC POWER JACK, 2.00mm, 2.50mm, 3mm CENTER PIN			
SIZE	PART NO.	REV.	
X	ADC-033-X	B	
REF:	S00002C	SCALE:	N.T.S.
SHEET 1 OF 1			