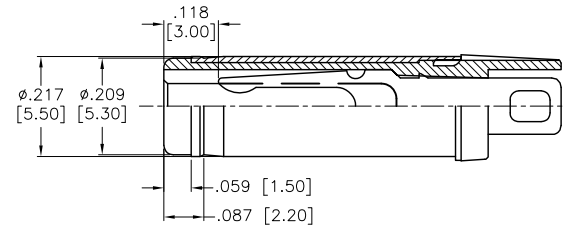
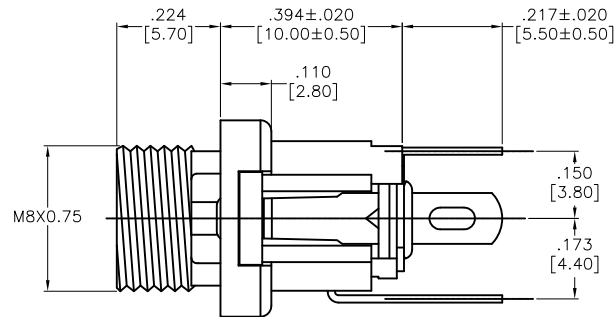
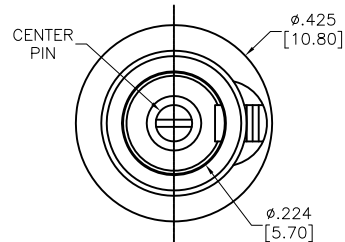
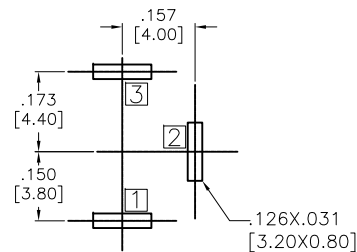
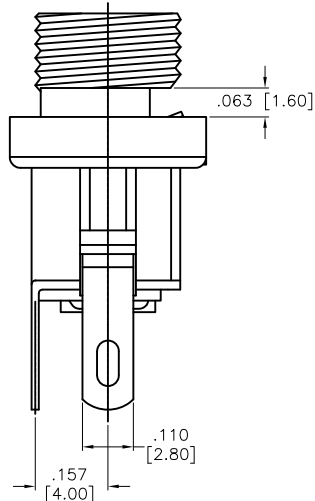


APPROVED: _____
DATE: _____ TITLE: _____

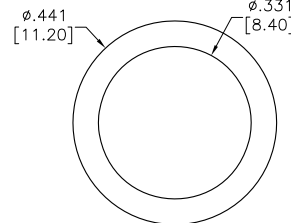
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/22/06	
A		RELEASED	01/04/07	
B		ADDED DIM.	1/08/10	
C		REDRAWN	7/11/13	
D		UPDATED DRAWING	11/2/17	HR/RC1



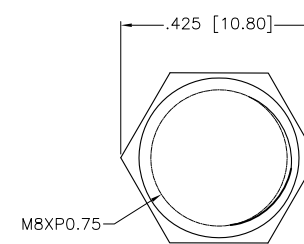
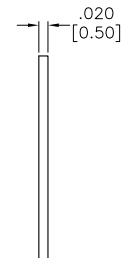
DC MATE PLUG



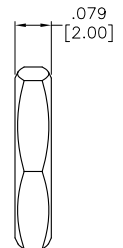
RECOMENDED PCB LAYOUT



WASHER



NUT



SPECIFICATIONS:

Material:

Insulator: PBT, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy, Tin plated

Center Pin: Bronze, Nickel plated

Bushing: Brass Nickel plated

Washer: Bakelite & SPCC, Nickel plated

Nut: Brass, Nickel plated

Electrical:

Voltage rating: 30 VDC

Current rating: 3 A

Contact resistance: 30 mohms max

Insulation resistance: 100 Mohms min @ 500 VDC

Dielectric withstanding voltage: 500 VAC

Temperature Rating:

Operating temperature: -20°C to +70°C

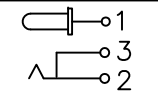
Environmental:

Lead free, RoHS compliant.



PART NO.	CENTER PIN DIA.
ADC-027-1-M8	2.00mm
ADC-027-2-M8	2.50mm
ADC-027-5-M8	2.35mm

SCHEMATIC



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	AY	9/15/15
CHECKED	NP	9/15/15
APPROVED		

ADAM TECH

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

TITLE
DC POWER JACK, VERTICAL ,
PANEL MOUNT, M8 THD BUSHING

SIZE X	PART NO. ADC-027-X-M8	REV. D
REF: S00002C		SCALE: NTS
		SHEET 1 OF 1

Mouser Electronics

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[ADC-027-2-M8](#)