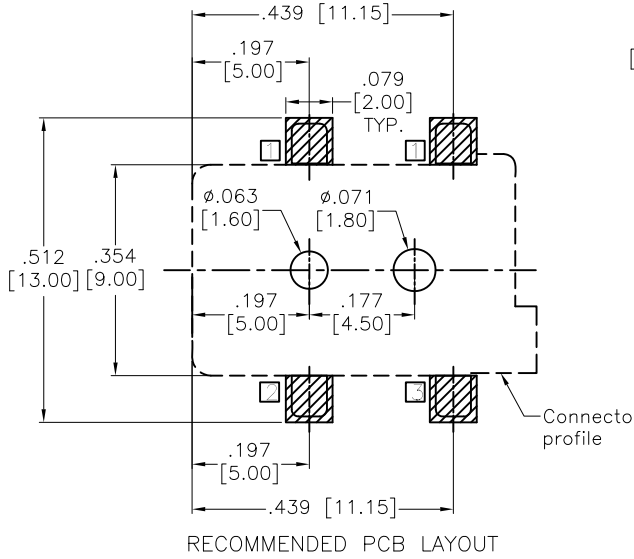
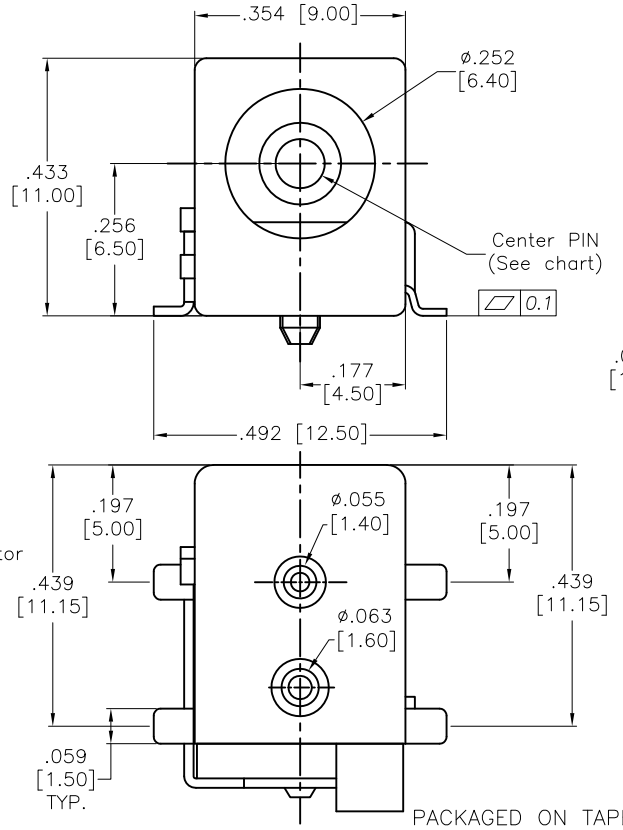
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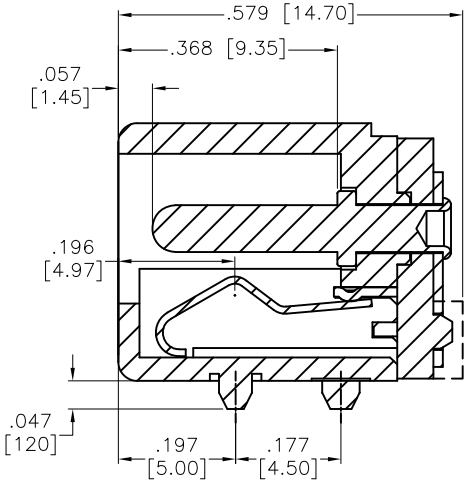
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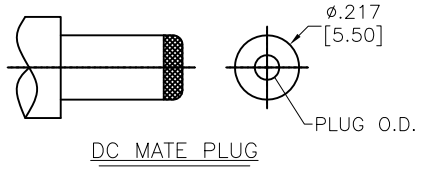
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/05/09	
A		REVISED SPEC.	4/30/13	
B		UPDATE DRAWING	10/17/17	AY/MY



RECOMMENDED PCB LAYOUT







DC MATE PLUG

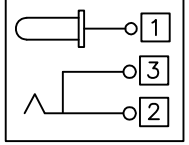
SPECIFICATIONS:
Material:
Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
Insulator color: Black
Center Pin: Copper Alloy, Nickel plated
Contacts: Copper Alloy
Plating:
Tin over Copper underplate overall
Electrical:
Voltage rating: 20 VDC.
Current rating: 5 Amp.
Contact resistance: 30 mohms max.
Insulation resistance: 100 Mohms min.
Dielectric withstanding voltage: 500 VAC
Temperature Rating:
Operating temperature: -20°C to +70°C
Environmental:
Lead free, RoHS compliant

RoHS COMPLIANT

PACKAGED ON TAPE & REEL

PART NO.	CENTER PIN DIA.	PLUG O.D
ADC-028-1-T/R	ø.079 [2.00]	ø.081 [2.05]
ADC-028-2-T/R	ø.098 [2.50]	ø.100 [2.55]
ADC-028-5-T/R	ø.093 [2.35]	ø.094 [2.40]

CIRCUIT DIAGRAM



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	8/05/09
CHECKED		
APPROVED		

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

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

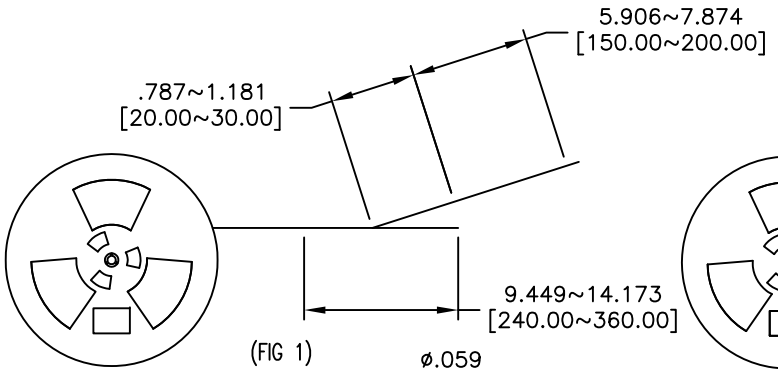
SIZE	PART NO.	REV.
X	ADC-028-X-T/R	B

REF:	SCALE:	SHEET
S00002C	NTS	1 OF 2

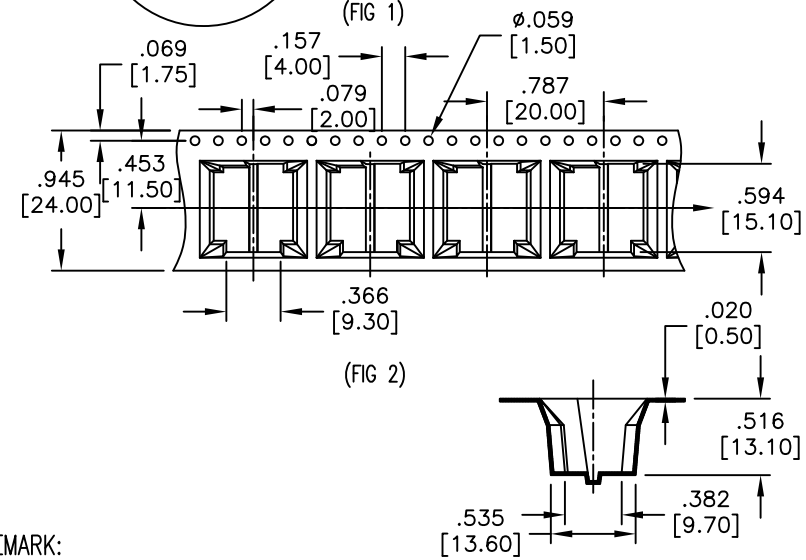
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

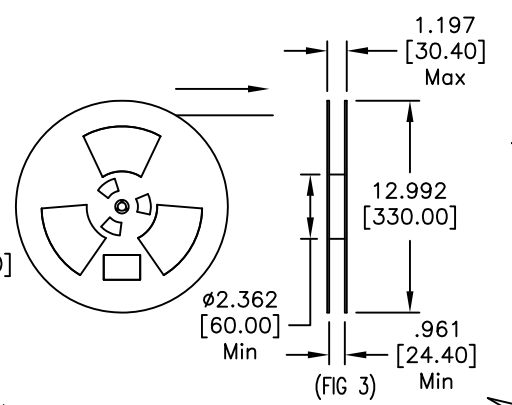
DATE: _____ TITLE: _____



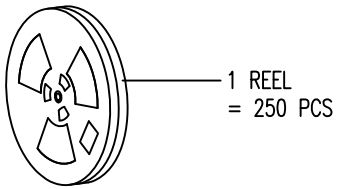
(FIG 1)

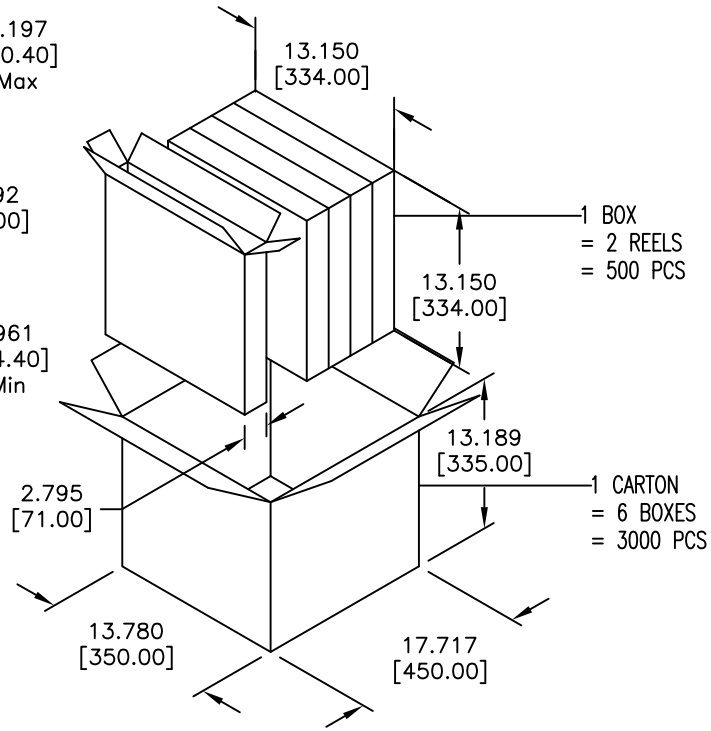


(FIG 2)



(FIG 3)





REMARK:

1. The connector can not be loaded on the position of length 240~360mm in the reel tape and lead tape.The cover tape with 20~30mm length shall not be adhensive on the lead tape and the cover tape is lead portion shall have 150~200mm length (Refer FIG 1).
2. Tape shall turn on right direction.
3. The direction of connector is fixed regarding the position of terminal,please refer outline drawing (Refer FIG 2).
4. After winding,using the adhesive tape(30~50mm) to stick the leader of cover tape on the side of reel.
5. One reel can be loaded 250 pcs connector.
6. The label shall be pasted on the front side of reel (Refer FIG 3).
7. Condition of 300mm per minute ,the extraction strength of cover tape shall reach 20~150 gf.
8. If the quantity is less then 6 reel in one carton,the packing shall be able to resist to shark.

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	8/05/09
CHECKED		
APPROVED		

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

SIZE	PART NO.	REV.
X	ADC-028-X-T/R	B

REF:	SCALE:	SHEET
S00002C	NTS	2 OF 2