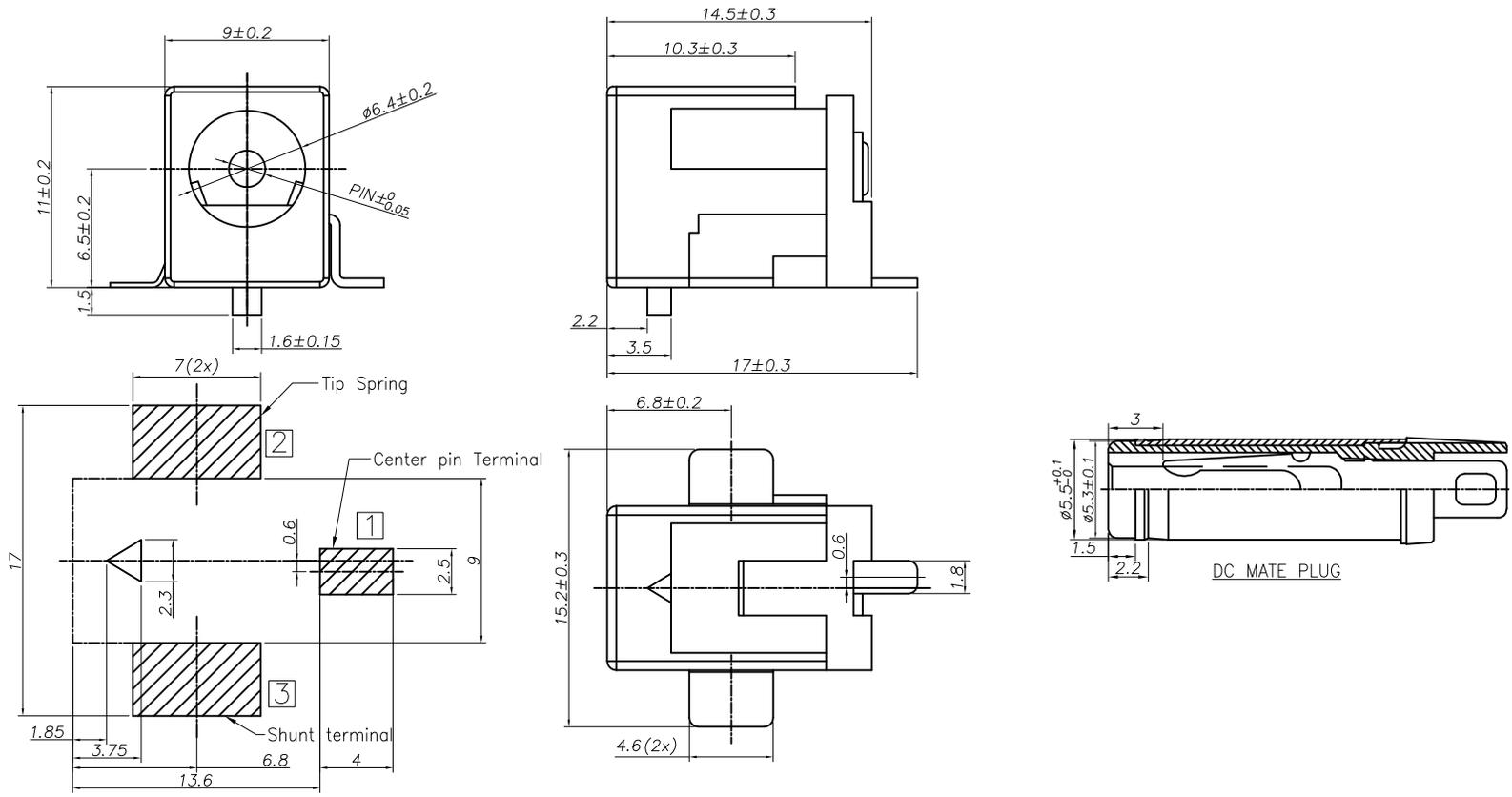


APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|---------------|---------|-------|
| - | | RELEASED | 3/15/23 | |
| A | | ADDED PACKING | 3/20/23 | LH/KC |



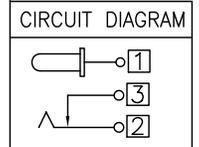
SPECIFICATIONS:

Material:
 Insulator: (PA10T) Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Center Pin: Brass, Nickel plated
 Center pin Terminal: Brass
 Tip spring: Phosphor Bronze
 Shunt terminal: Brass
 Plating:
 Silver over Nickel underplate
 Electrical:
 Voltage rating: 20 VDC
 Current rating: 5 Amp
 Contact resistance: 30 mohms max. initial
 Insulation resistance: 100 Mohms min. @ 250 VDC
 Dielectric withstanding voltage: 500 VAC
 Temperature Rating:
 Operating temperature: -25°C to +85°C
 Environmental:
 Lead free, RoHS compliant

RECOMMENDED PCB LAYOUT



| ADAM P/N | Dim øX |
|------------|--------|
| ADC-053D-1 | 2.00 |
| ADC-053D-2 | 2.50 |



PACKAGED ON TAPE & REEL

| | | |
|--|-------|------------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED | | |
| MM | ± 0.3 | ANGLE ± 2° |
| DRAWN | LH | 3/15/23 |
| CHECKED | KC | 3/15/23 |
| APPROVED | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH | | |

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

| | | |
|---|----------------------------------|--------------|
| TITLE DC POWER JACK, 2.00mm, 2.50mm CENTER PIN | | |
| SIZE X | PART NO. ADC-053D-X-PA10T-T/R | REV. A |
| REF: S00002C | SCALE: NTS | SHEET 1 OF 2 |

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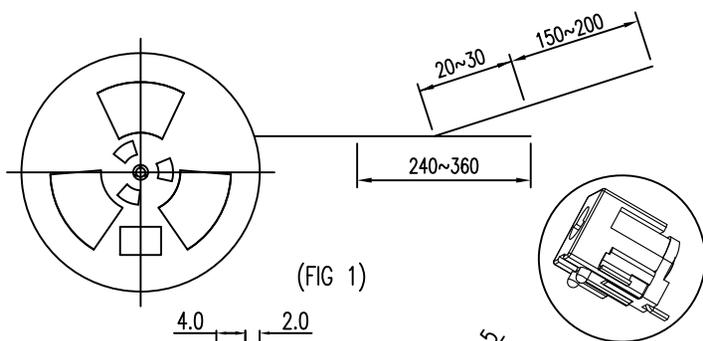
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2

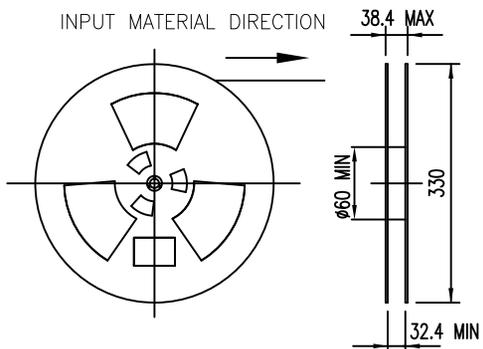
1

APPROVED: _____
DATE: _____ TITLE: _____

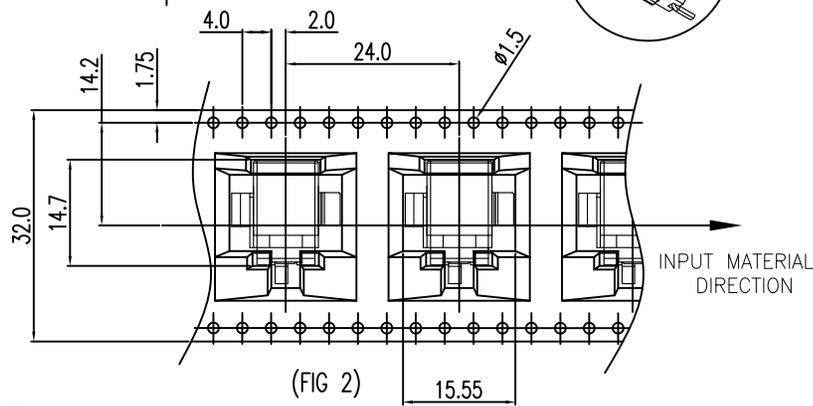
| | | | | |
|-----------------------------|-------|-------------|------|------|
| Rev | AWO # | Description | Date | Appr |
| SEE SHT 1 OF 2 FOR REVISION | | | | |



(FIG 1)



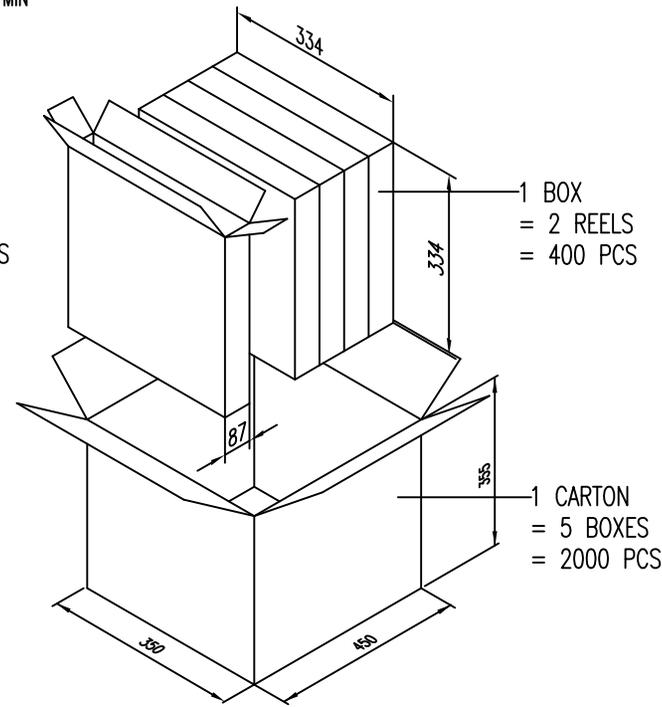
(FIG 3)



(FIG 2)



1 REEL
= 200 PCS



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 adhesive 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 200 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 MILLIMETERS. TOLERANCES: EXCEPT AS NOTED | | |
| MM | ± 0.3 | ANGLE ± 2° |
| DRAWN | LH | 3/15/23 |
| CHECKED | KC | 3/15/23 |
| APPROVED | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH | | |

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

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

| | | |
|------|----------------------|------|
| SIZE | PART NO. | REV. |
| X | ADC-053D-X-PA10T-T/R | A |

REF: S00002C SCALE: NTS SHEET 2 OF 2

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