

RoHS
Compliant

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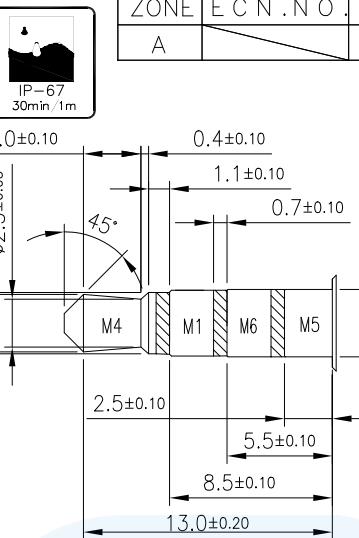
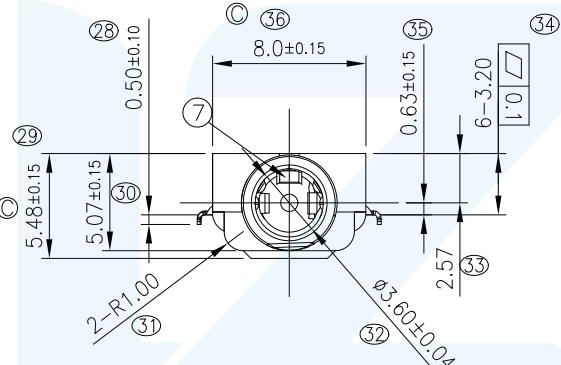
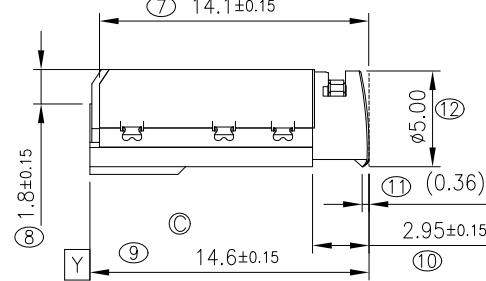
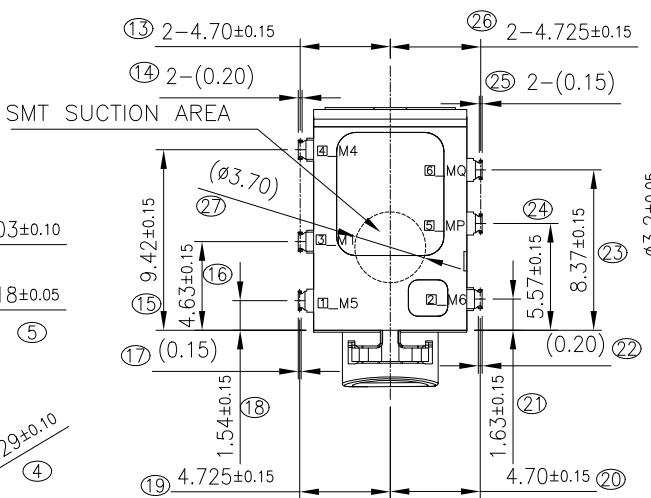
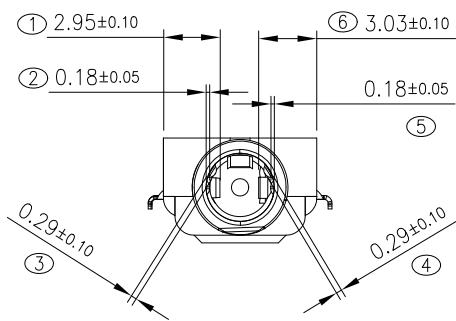
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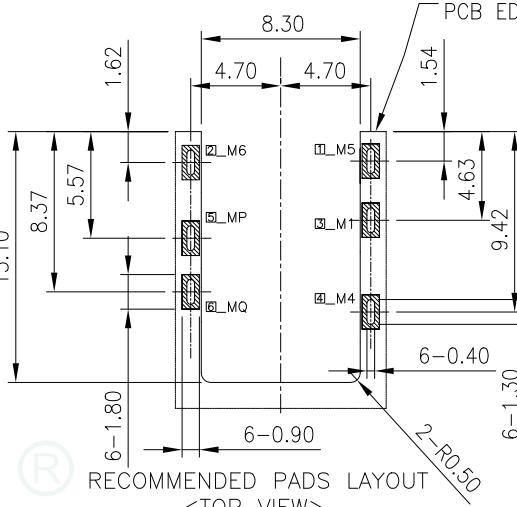
B

A

ZONE	EC N. NO.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生财	2025.03.01



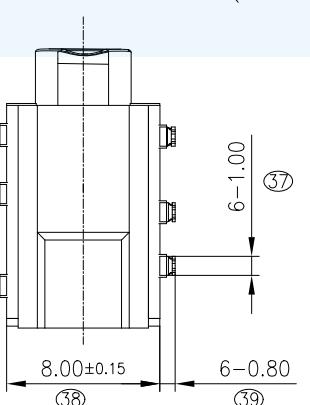
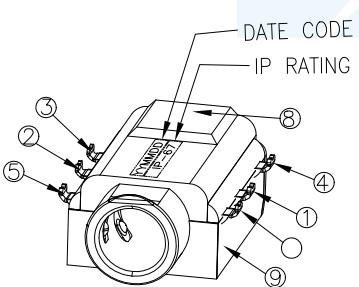
REFERENCE 4 POLE PLUG



NOTE : TOLERANCE FOR PCB LAYOUT IS ± 0.05

NOTES:

- 1.ELECTRICAL CHARACTERISTICS:
1-1 CONTACT RESISTANCE: $50m\Omega$ MAX. (INITIAL)
 $100m\Omega$ MAX. (FINAL)
- 1-2. DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR ONE MINUTE.
- 1-3. INSULATION RESISTANCE: MEASURED BY 500V DC
INITIAL $100M\Omega$ MIN AFTER HUMIDITY TEST $50M\Omega$.
- 2.MECHANICAL CHARACTERISTICS:
2-1. PLUG INSERTION FORCE : $0.4\sim 3.0$ kgf (INITIAL).
 $0.3\sim 3.0$ kgf (FINAL) LIFE TEST.
- 2-2. PLUG WITHDRAWAL FORCE : $0.4\sim 3.0$ kgf (INITIAL).
 $0.3\sim 3.0$ kgf (FINAL) LIFE TEST.
- 3.DURABILITY TEST: 10,000 CYCLES.
- 4.FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- 5.OPERATING TEMPERATURE: $-30^\circ C$ TO $+85^\circ C$ (INCLUDING TEMP RISE)
- 6.PLUG INTERFACE DIMENSIONS CONFORM TO EIAJ RC-5325 SPEC.
- 7.PACKAGING: TAPE&REEL.
- 8.CPK DIMENSIONS: ⑩ .



ITEM	DESCRIPTIONS	MATERIAL	FINISH	Q'TY	NOTE
①	P2_HOUSING	PA-9T (GP2450NH) UL94V-0		1	BLACK
②	P1_HOUSING	PA-9T (GP2450NH)		1	BLACK
③	M4F_ASSIST_PIN	Stainless Steel (SUS304)		1	
④	M5_GND_CONTACT	C5210SP-EH	AU G/F OVER ALL	1	
⑤	M6_R2_CONTACT	C5210SP-EH		1	
⑥	M4_TIP_CONTACT	Titanium Copper Alloy(YCUT-FX-H)	CONTACT AREA AU/5u" Min. OTHERs AREA GOLD FLASH	1	
⑦	MQ_ON_CONTACT	C5210SP-EH		1	
⑧	MP_OS_CONTACT	C5210SP-EH		1	
⑨	M1_R_CONTACT	C5210SP-EH		1	

DRAWING:	林生财	DATE:	2025.03.01	SCALE	1:1
CHECK:	李宏鑫	DATE:	2025.03.01	MATERIAL	*
APPROVAL:	杨进宝	DATE:	2025.03.01	DWG. NO.	
DRAWING NO.	ZB23049-06FBAP-A	SHEET	1/1		

LZG®

LZG INDUSTRIAL CO. LTD

PART NAME: Ø3.5mm AUDIO JACK
SINKING TYPE

PART NO.: ZB23049-06FBAP-A

TOLERANCE UNLESS OTHERWISE SPECIFIED:	0.0±0.30 0.00±0.20 0.000±0.10	0.°±2° 0.°±1° 0.00°±0.5°	UNIT: mm	APPROVAL: DRAWING NO.	DATE: DWG. NO.	SCALE: SHEET	NOTE:

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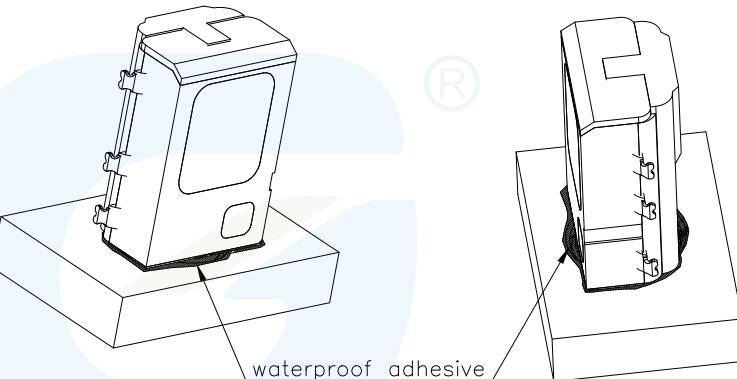
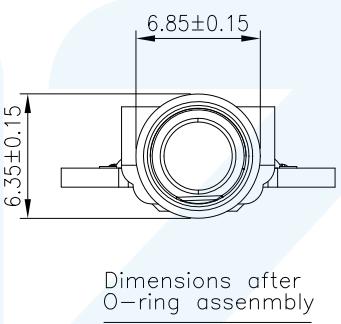
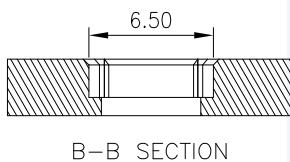
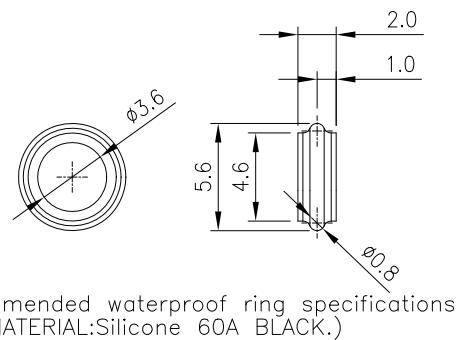
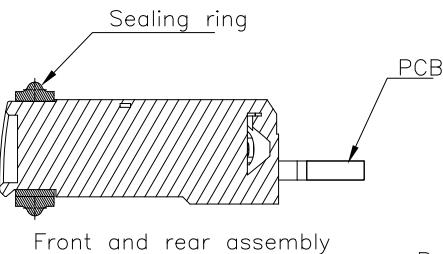
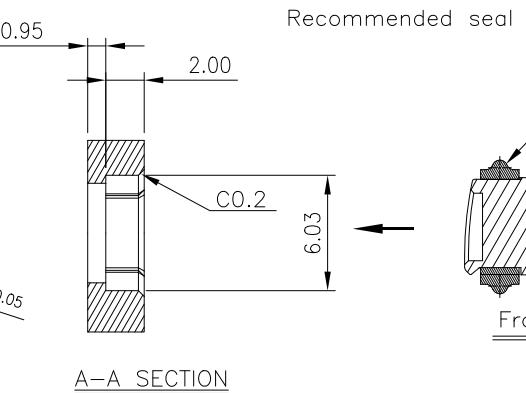
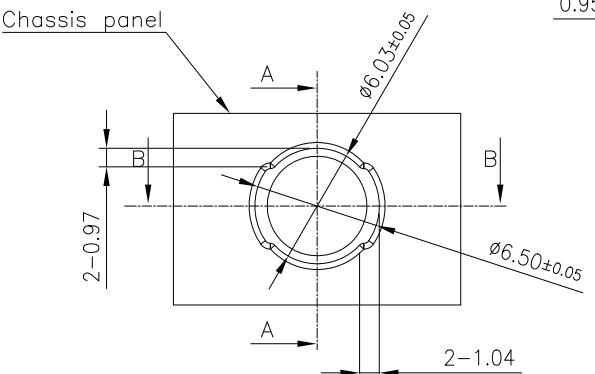
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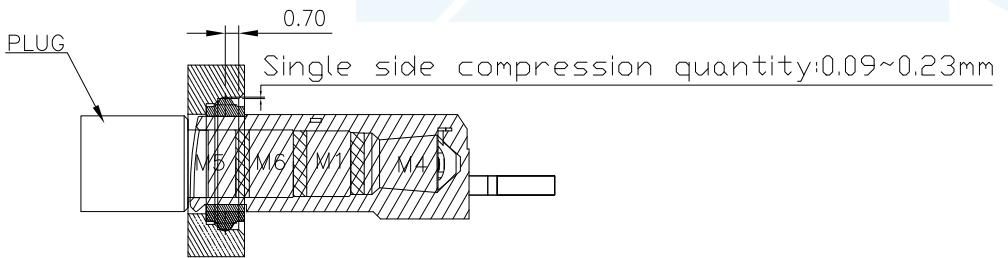
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F	E	D	C	B	A
ZONE	ECN.N.O.	DESCRIPTION	DRAWING	DATE	
A		INITIAL	林生财	2025.03.01	



After the finished product is inserted into the mechanism
a circle of waterproof adhesive must be dotted around it



Schematic diagram of male
and female head pointing



NOTE:

1. Rated Voltage: DC 6.0 V.
2. Rated Current: 1.8A
3. Service Temperature: -30°C ~ +85°C.
4. Protection IP Code: IP67 (Receptacle only, plug not included.)



LZG INDUSTRIAL CO. LTD

PART NAME: Ø3.5mm AUDIO JACK SINKING TYPE

PART NO.: ZB23049-06FBAP-A

TOLERANCE UNLESS: 0.0±0.30
0.°±2°
0.0°±1°
0.00°±0.5°

OTHERWISE SPECIFIED: 0.00±0.20
0.000±0.10

UNIT:
mm

DRAWING:
CHECK:
APPROVAL:
DRAWING NO.

林生财
李宏鑫
杨进宝
ZB23049-06FBAP-A

DATE:
DATE:
DATE:
SHEET

2025.03.01
2025.03.01
2025.03.01
1/1

SCALE:
MATERIAL:
DWG. NO.
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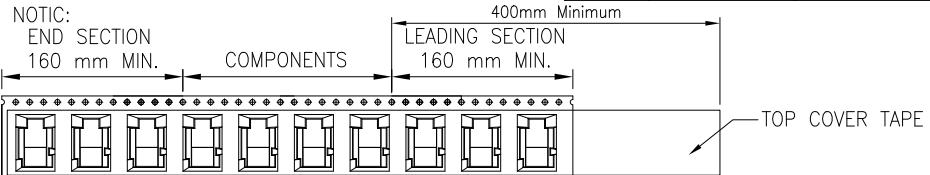
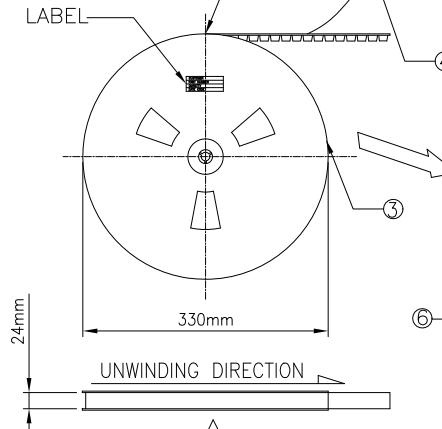
B

A

RoHS
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ZONE	EC N. NO.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生财	2025.03.01

1



NOTE :

1. MATERIAL :

REEL: PS

CARRIER: PS

COVER TAPE: PET

2. DIMENSION :

REEL SIZE:

DIA=330.0mm, W=24.0mm

INNER BOX:

L=387mm, W=387mm H=67mm

CARTON:

L=420mm, W=406mm, H=380mm

3. QUANTITY:

600 PCS PRODUCTS/1 REEL AND 600PCS

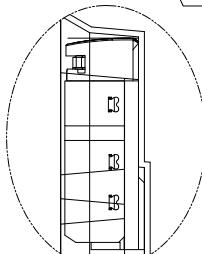
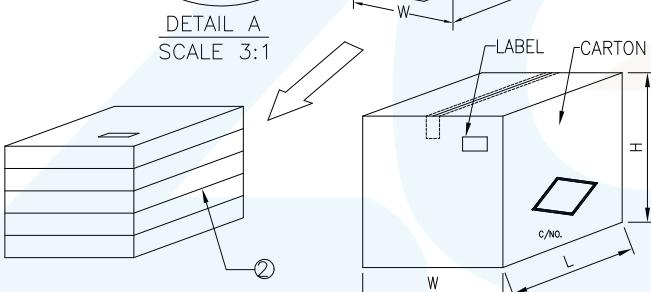
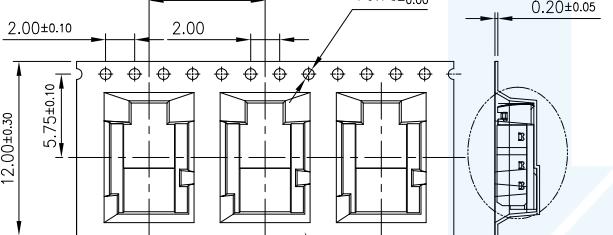
O-RING/1 PE BAG

2 REEL/INNER BOX:1200PCS PRODUCTS/

REEL AND 1200PCS O-RING/2 PE BAG

5 INNER BOX/CARTON:6000PCS PRODUCTS/

REEL AND 6000PCS O-RING/10 PE BAG



DETAIL A SCALE 2:1

⑧	O-ring PE BAG	PE	10	
⑦	DESICCANT	PE	10	
⑥	PE BAG	VACUUM SEAL	10	
⑤	CARRIER TAPE	PS	4	
④	COVER TAPE	PET	1	
③	REEL ASS'Y	PS	10	
②	INNER BOX	7+A	5	
①	CARTON	K=K	1	
ITEM	DESCRIPTIONs	MATERIAL	FINISH	Q'TY NOTE

LZG®**LZG INDUSTRIAL CO. LTD**

DRAWING:	林生财	DATE:	2025.03.01	SCALE:	1:1
CHECK:	李宏鑫	DATE:	2025.03.01	MATERIAL:	*
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DRAWING NO.	ZB23049-06FBAP-A	SHEET			1/1

PART NAME

Ø3.5mm AUDIO JACK
SINKING TYPE

TOLERANCE UNLESS

0.0±0.30
0.00±0.200.°±2°
0.°0±1°UNIT:
mm

0.00°±0.5°

PART NO.

ZB23049-06FBAP-A

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