

RoHS
Compliant

ZONE	ECN.N.O.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生财	2020.02.18



Notes:

- ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING: DC 12V 1A MAX
 - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL), 100mΩ MAX.(FINAL)
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
- MECHANICAL CHARACTERISTICS:
 - 2-1. PLUG INSERTION FORCE: 4~30N.
 - 2-2. PLUG EXTRACTION FORCE: 4~30N.
- DURABILITY TEST: 10,000 CYCLES.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- OPERATING TEMPERATURE:-30℃ TO+85℃(INCLUDING TEMP RISE)
- PLUG INTERFACE DIMENSIONS CONFORM TO EIAJ RC-5325 SPEC.
- PACKAGING: TAPE & REEL.
- CPK DIMENSIONS:◎ , CRITICAL DIMENSIONS : ▼
- DATE CODE:YYMMDDXX

XX: LINE
DD:DAY(01~31)
MM:MONTH (01~12)
YY:YEAR (18~)

REFERENCE DRAWING

	⑨ Assistant Pin	Stainless Steel (SUS304)	Matte Sn	2	
	⑧ M4F	Stainless Steel (SUS304)	N/A	1	
	⑦ M6 Contact	C5210SP-EH	GOLD FLASH PLATING ON OVERALL. 50~180u" NI UNDERPLATED OVERALL.	1	
	⑥ M5 Contact	C5210SP-EH		1	
	⑤ M4B Contact	Titanium Copper Alloy (NKT322-EH)		1	
	④ M4A Contact	Titanium Copper Alloy (NKT322-EH)		1	
	③ M1 Contact	C5210SP-EH		1	
	② P2_CAP	PA-6T (RG430NK) UL94V-0		1	
	① P1_HOUSING	PA-6T (RG430NK) UL94V-0	Black	1	
ITEM	DESCRIPTIONs	MATERIAL	FINISH	Q'TY	NOTE

SCHEMATIC

DRAWING:	林生财	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	杨进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB23051-08SBAP-A			SHEET	1/1

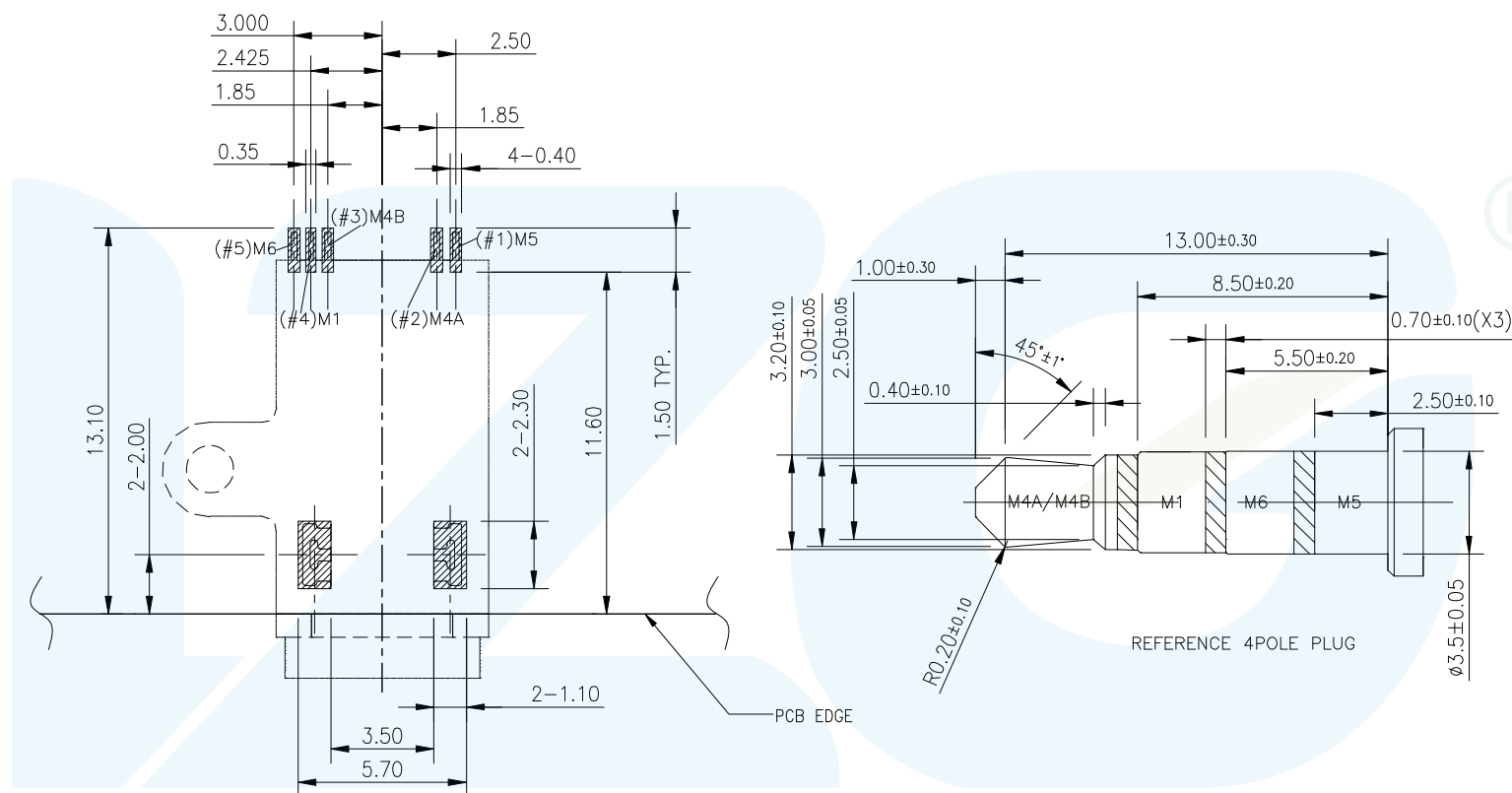
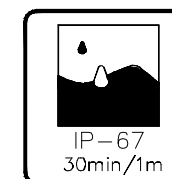
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PART NAME	WATERPROOF Ø3.5 PHONE JACK	TOLERANCE UNLESS	0.0±0.3	0°±2°	UNIT: mm	
PART NO.	ZB23051-08SBAP-A	OTHERWISE SPECIFIED:	0.00±0.2 0.000±0.1	0.0°±1° 0.00°±0.5°		

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RECOMMENDED PADS LAYOUT
<TOP VIEW>
NOTE : TOLERANCE FOR PCB LAYOUT IS ± 0.1

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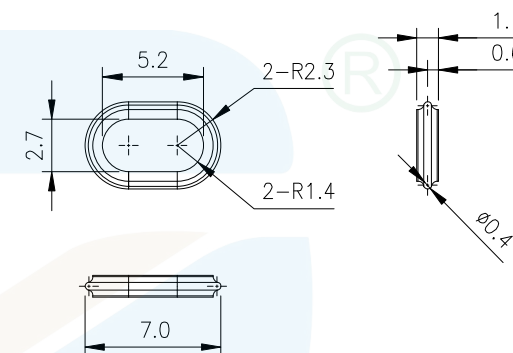
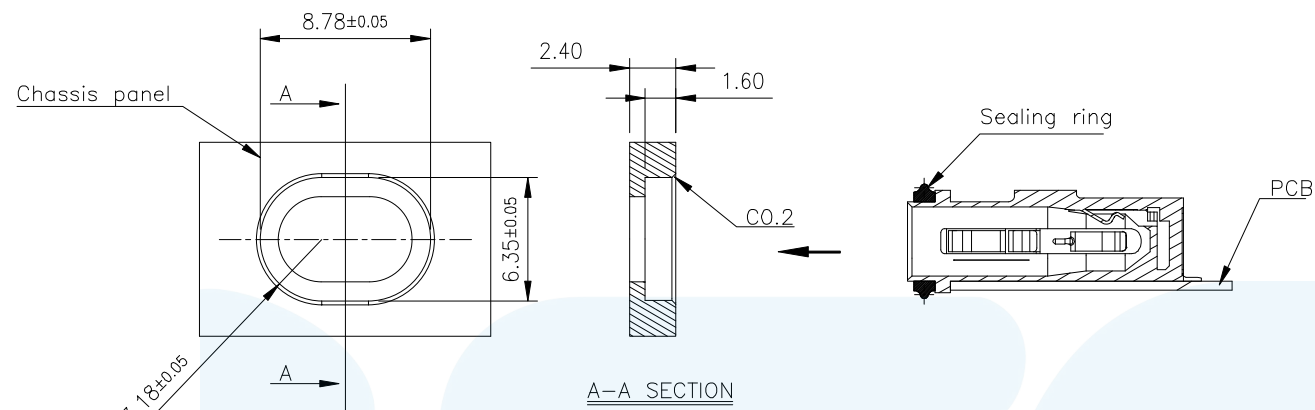
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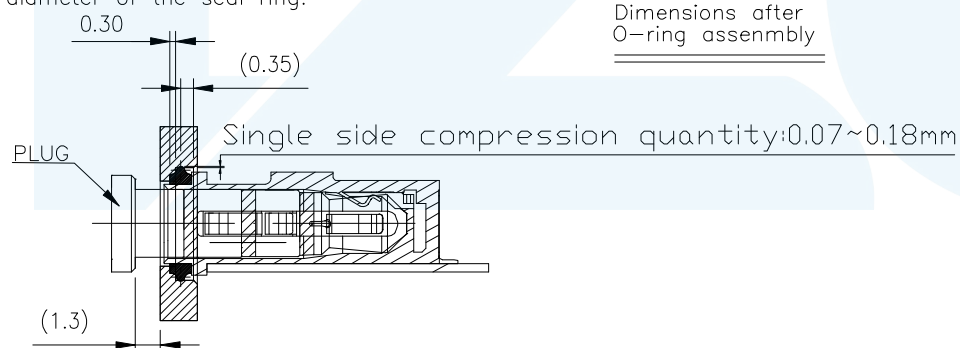
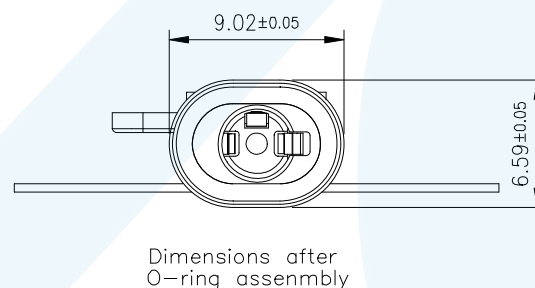
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Recommended waterproof ring specifications
(MATERIAL:Silicone 60A BLACK.)

(Shrinkage value of case panel to the seal ring)
Suggest the shrinkage value is the
40% ~ 50% diameter of the seal ring.



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.)

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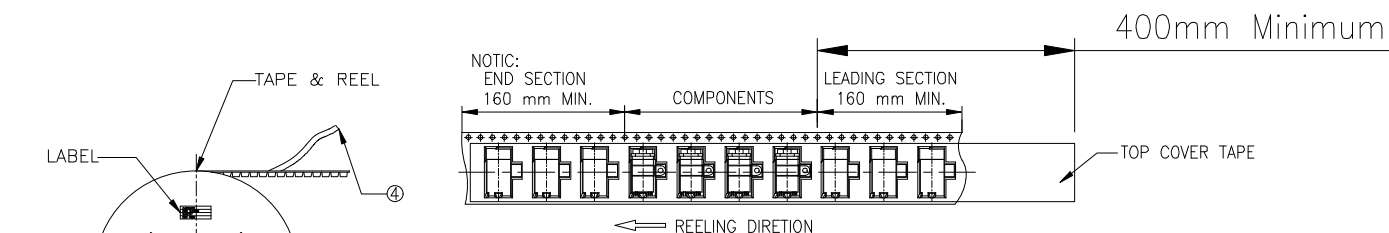
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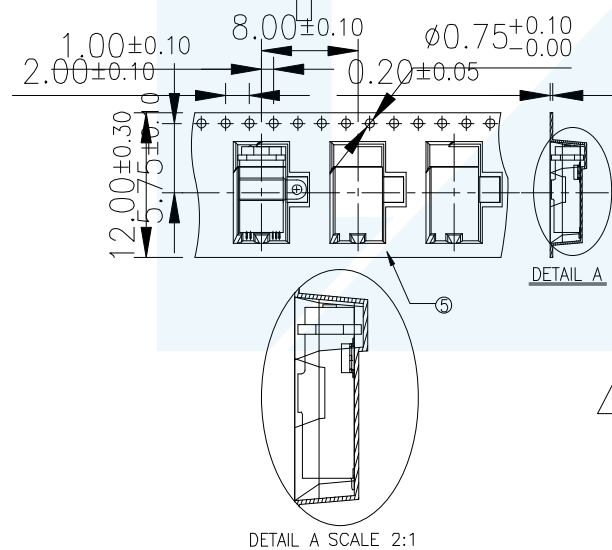


NOTE :

1.MATERIAL :
REEL: PS
CARRIER: PS
COVER TAPE: PET

2.DIMENSION :
REEL SIZE:
DIA=330.0mm, W=24.0mm
INNER BOX:
L=340mm, W=340mm H=65mm
CARTON:
L=360mm, W=360mm, H=220mm

3.QUANTITY:
700 PCS PRODUCTS/1 REEL AND 700PCS
O-RING/1 PE BAG
2 REEL/INNER BOX:1400PCS PRODUCTS/
REEL AND 1400PCS O-RING/2 PE BAG
3 INNER BOX/CARTON:4200PCS PRODUCTS/
REEL AND 4200PCS O-RING/6 PE BAG



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