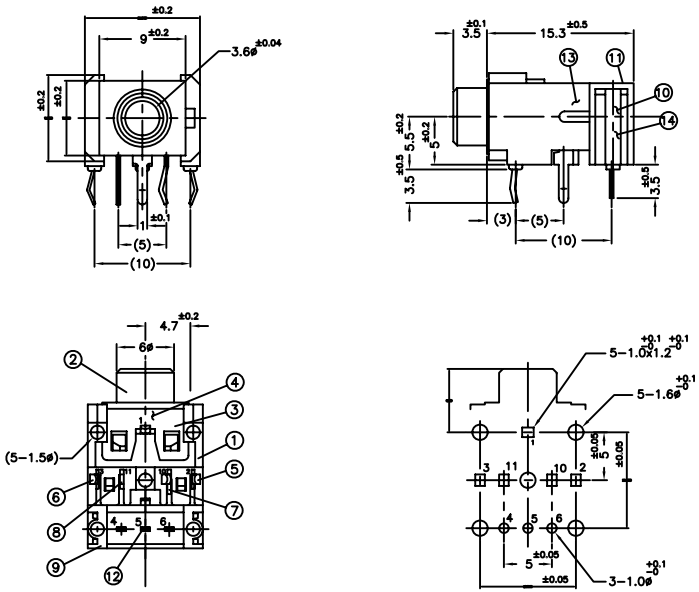
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	料號瘦身，ECN NO.:T0900047	KENSON	8/27'09



PCB LAYOUT
SOLDER SIDE

SPECIFICATIONS:

1. INSULATION RESISTANCE TO BE NOT LESS THAN 50 MΩ R.M.S. AT 250 VOLTS.
2. MAXIMUM CONTACT RESISTANCE 30 mΩ.
3. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR 1 MINUTE.
4. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH MATE PLUG OR GAUGE PLUG AFTER TESTING CONTACT RESISTANCE SHALL NOT EXCEED 100 mΩ.
5. INSERTION FORCE
   1) INITIAL: 0.35Kg–3Kg.
   2) AFTER 5,000 CYCLES TEST: ±30% OF INITIAL VALUE.
6. WITHDRAWAL FORCE
   1) INITIAL: 0.35Kg–3Kg.
   2) AFTER 5,000 CYCLES TEST: ±30% OF INITIAL VALUE.
7. MEASURING CONDITIONS:
   1) TEMPERATURE: FROM 5°C TO 40°C.
   2) RELATIVE HUMIDITY: FORM 40% TO 85%.
8. SWITCH:
   1) 1 POLES 2 POSITIONS.
   2) SWITCHING TIMING: SHORTING TYPE.
9. RESISTANCE TO SLOLDERING HEAT:
   LEADS TO BE IMMERSED IN MOLTEN SOLDER 260°C FOR 10 SECONDS @1.57mm FROM BODY WITH NO DEGRADATION OF ELECTRICAL OR MECHANICAL SPECIFICATION.

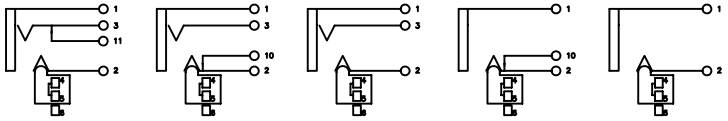


FIG. 2 FIG. 3 FIG. 4 FIG. 5 FIG. 6

NO	DESCRIPTION	QTY	MATERIAL	PLATING&COLOR
14	CLIP	2	PHOSPHOR BRONZE 0.05t	SILVER PLATING
13	COIL SPRING	1	SWP-A	
12	TERMINAL	6	BRASS 0.4t	SILVER PLATING
11	COVER	1	POLYACETAL	BLACK COLOR
10	KNOB	1	POLYACETAL	WHITE COLOR
9	SWITCH CASE	1	PBT UL 94V-0	BLACK COLOR
8	SHUNT TERMINA-B	*	BRASS 0.4t	SILVER PLATING
7	SHUNT TERMINA-A	*	BRASS 0.4t	SILVER PLATING
6	RING SPRING	*	COPPER ALLOY 0.25t	SILVER PLATING
5	TIP SPRING	*	COPPER ALLOY 0.3t	SILVER PLATING
4	EARTH SPRING	1	PHOSPHOR BRONZE	SILVER PLATING
3	EARTH TERMINAL	1	SPCC 0.5t	SILVER PLATING
2	METAL	1	BRASS	NICKEL PLATING
1	BODY	1	PBT UL 94V-0	BLACK COLOR

"TABLE 1"

DRAWING (NEW NO.)	DRAWING (OLD NO.)	CIRCUIT	TIP SPRING	RING SPRING	SHUNT TERMINAL A	SHUNT TERMINAL B
2SJ-07011N23	SJ-701-N	FIG. 2	1	1		1
2SJ-07021N23	SJ-702-N	FIG. 3	1	1	1	
2SJ-07031N23	SJ-703-N	FIG. 4	1	1		
2SJ-07041N23	SJ-704-N	FIG. 5	1		1	
2SJ-07051N23	SJ-705-N	FIG. 6	1			

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

Singatron Electronic(Chung-Shan) Co., Ltd.
信音電子(中山)有限公司

TITEL	3.5ø STEREO PHONE JACK (WITH SWITCH)			
DWN	KENSON 8/27'09	PART NO. 2SJ-070□1N23		
CHKD	HARVEY 8/27'09	SCALE: N/A	UNIT: mm	
APVD	ROBIN 8/27'09	SIZE: A4	SHEET: 1OF1	REV: B

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文件編號:RD-06-035-2A