



RECOMMENDED PCB LAYOUT
SOLDER SIDE
 (TOLERANCE: ±0.05)

DRAWING NO.	CIRCUIT	RING SPRING	SHUNT TERMINAL A	BREAK TERMINAL	TRANSFER TERMINAL
2SJ-S82014D3	FIG. 1	1	1	1	1
2SJ-S82114D3	FIG. 2	1		1	1
2SJ-S82214D3	FIG. 3	1	1		
2SJ-S82314D3	FIG. 4	1			
2SJ-S82414D3	FIG. 5			1	
2SJ-S82514D3	FIG. 6				

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
J	縮短遮蔽板長度 1	EVEN	12/16-'02
K	ECN NO : 930185	EVEN	12/10-'04
L	ECN NO : 920008	HANSON	5/9-'05
M	ECN NO : 940249	EVEN	2005.11.3

- SPECIFICATIONS :**
- INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC MEGGER.
 - CONTACT RESISTANCE : 30mΩ MAX.
 - INSULATION VOLTAGE WITHSTAND : 500V AC FOR ONE MINUTE.
 - UNLESS OTHERWISE SPECIFIED. TEST IS TO BE MADE AT 5-35°C IN TEMPERATURE AND 45-85% IN HUMIDITY. BUT,IF ANY VAGUE DATA IS OCCURED ON TEST RESULT, ANOTHER TEST SHALL BE MADE AT 20°C±2°C IN TEMP., 60-70% IN HUMIDITY.
 - LIFE TEST : 5,000 CYCLES MIN. (NON-LOAD)
 - INSERTION FORCE : 0.4 - 3Kg.
 - WITHDRAWAL FORCE : 0.3 - 2Kg.
 - AFTER LIFE TEST, CONTACT RESISTANCE : 50mΩ MAX.
 - AFTER HUMIDITY TEST, INSULATION RESISTANCE : 50MΩ MIN.
 - MARKING: MARK "S" ON TOP OF CONNECTOR.
 - GREEN PRODUCT IDENTIFICATION MARK IN JACK:
 - GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: **G.P. PASS**
 - FOR LEAD-FREE PROCESS.
 - PACKING: PE TRAY.

9	SHIELDING	1	PHOSPHOR BRONZE 0.2t	NICKEL PLATING
8	TRANSFER TERMINAL	*	PHOSPHOR BRONZE 0.2t	SILVER PLATING
7	BREAK TERMINAL	*	BRASS 0.2t	SILVER PLATING
6	SHUNT TERMINAL-A	*	BRASS 0.25t	SILVER PLATING
5	RING SPRING	*	PHOSPHOR BRONZE 0.2t	SILVER PLATING
4	TIP SPRING	1	PHOSPHOR BRONZE 0.25t	SILVER PLATING
3	EARTH	1	COPPER ALLOY 0.3t	SILVER PLATING
2	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK COLOR
1	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
 信音企業股份有限公司

DECIMALS: X :±0.3 X.X :±0.2 X.XX :±0.1

ANGLES: X :±2° X.X :±1°

TITLE: 3.5φ PHONE JACK

DWN: 2005.11.3 PART NO. 2SJ-S82 □14D3

CHKD: 2005.11.3 SCALE: 4/1 UNIT: MM

APVD: 2005.11.3 SIZE: A3 SHEET: 1 OF 1 REV: M