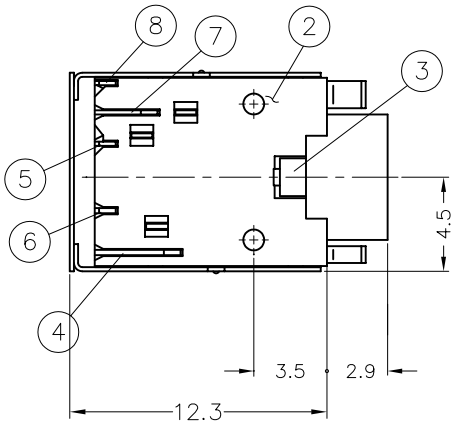
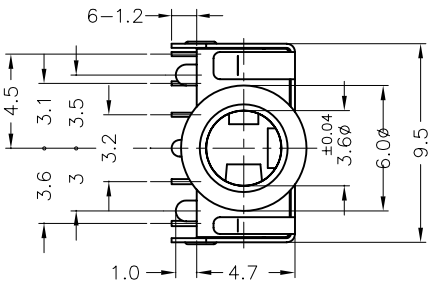
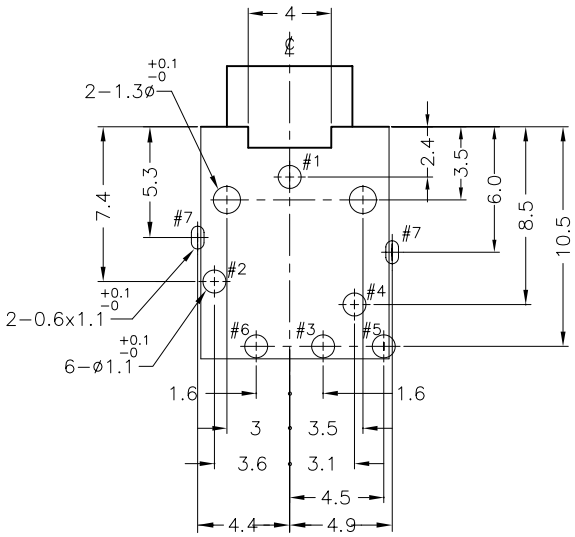
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: 20070309-4	RAY-YANG	2007.4.3
B	ECN NO: S080211	Sidney	2008.03.10





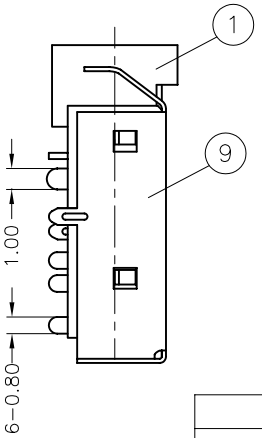
SPECIFICATIONS:

1. INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC MEGGER.
2. CONTACT RESISTANCE: 30m Ω MAX.
3. DIELECTRIC VOLTAGE WITHSTAND: 500V AC FOR ONE MINUTE.
4. 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.
5. LIFE TEST: 5,000 CYCLES MIN. (NON-LOAD)
6. INSERTION FORCE:0.4 - 3Kg.
7. WITHDRAWAL FORCE:0.3 - 2Kg.
8. AFTER LIFE TEST, CONTACT RESISTANCE: 50m Ω MAX.
9. AFTER HUMIDITY TEST, INSULATION RESISTANCE:50M Ω MIN.
10. MARKING: MARK" " ON TOP OF CONNECTOR.
11. PACKING : TAPE & REEL.
12. TO CONFORM TO THE SINGATRON HSF SPEC.
13. GREEN PRODUCT IDENTIFICATION MARK ON JACK:
14. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
15. FOR LEAD-FREE PROCESS.

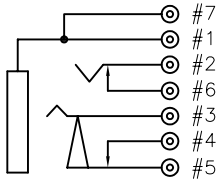


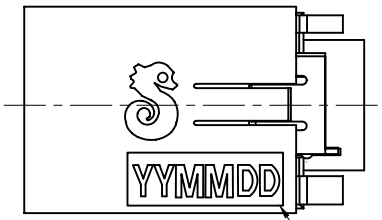
RECOMMENDED PCB LAYOUT(TOP VIEW)
PCB THICKNESS:1.20mm

(TOLERANCE: ±0.05)

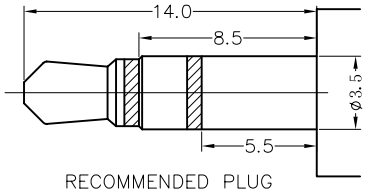


SCHEMATIC





DATE CODE.



RECOMMENDED PLUG
3-POLE

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
9	SHIELDING	1	PHOSPHOR BRONZE 0.2T	Ni 60u" Min
8	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2T	ALL OVER 50u" NICKEL PLATING. 120u" Sn PLATING ON SOLDER 1u" Au PLATING ON CONTACT AREA
7	BREAK TERMINAL	1	BRASS 0.2T	ALL OVER 50u" NICKEL PLATING. 120u" Sn PLATING ON SOLDER 1u" Au PLATING ON CONTACT AREA
6	SHUNT TERMINAL-A	1	BRASS 0.25T	Ni底60u"Min,Ag 20u"Min
5	RING SPRING	1	PHOSPHOR BRONZE 0.2T	Ni底60u"Min,Ag 20u"Min
4	TIP SPRING	1	PHOSPHOR BRONZE 0.25T	Ni底60u"Min,Ag 20u"Min
3	EARTH	1	COPPER ALLOY 0.3T	Ni底60u"Min,Ag 20u"Min
2	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK COLOR
1	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	GREEN COLOR(354C)

UNLESS OTHERWISE SPECIFED TOLERANCES

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

ANGLES: X :±2°, X.X :±1°

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

TITLE	Ø3.5 PHONE JACK			
DWN	Sidney 08.03.10	PART NO. 2SJ-R820-009		
CHKD	Lussen 08.03.10	SCALE:4/1	UNIT: mm	
APVD	Max 08.03.10	SIZE: A3	SHEET: 1 OF 1	REV:B

CUSTOMER COPY(SZ)

文件編號 RD-06-035-1A