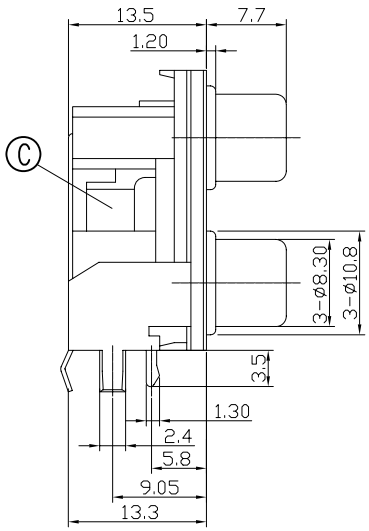
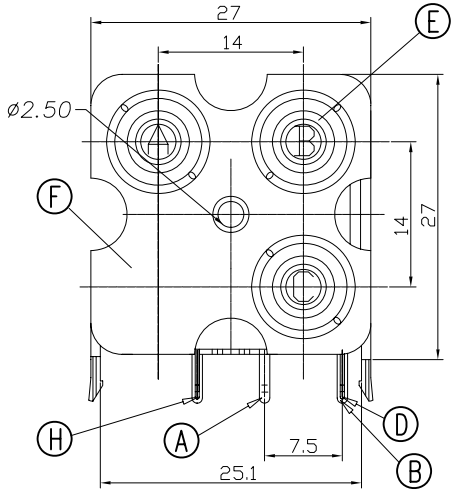
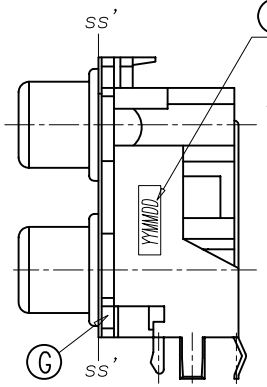
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2006.5.16
B	PDR RELEASE	AMYC	2009.06.11

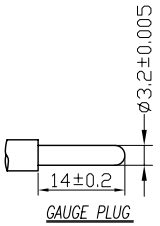


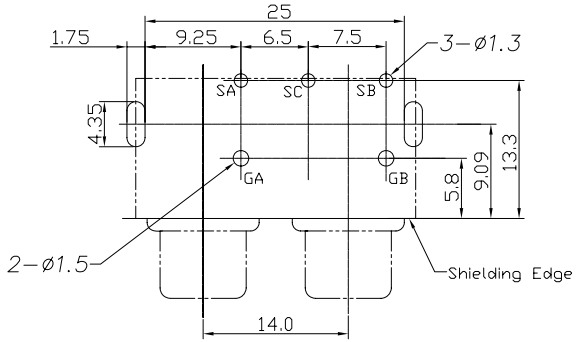




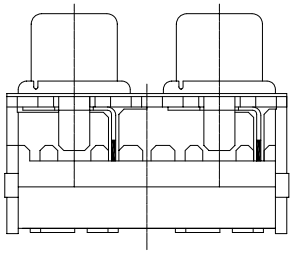
SPECIFICATION

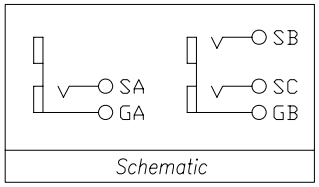
1. Voltage and Current Rating: 12V & 1A
2. Contact resistance: 30mΩ MAX.
3. Insulation resistance: 100MΩ MIN. @ DC500V
4. Withstand voltage: 500VAC for 1min.
5. Insertion Force: 3Kgf MAX.
6. Extraction Force: 0.3Kgf MIN.
7. Withdraw Force for Center Contact: 0.08Kgf MIN.
   (Use a OD=3.2±0.005mm, Length=14±0.2mm Gauge Plug)
8. Terminal Strength: The terminal shall be capable of withstanding a force of 3Kgf applied in any direction for 0.5 seconds without lossing and breakdown
9. Life test: 1,500 cycles
10. Temperature Range: −25°C~70°C
11. Solder heat resistance: wave soldering 260°C 5 seconds
12. See "RCA PRODUCT SPEC"
13. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
14. PACKAGE : SEE "2PJ-R22R SERIES" PACKAGE.
15. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
16. FOR WAVE SOLDERING LEAD-FREE PROCESS.





Recommend PCB Layout
(Jack Top View)
Tolerance:±0.05mm





Schematic

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	INK	1		BLACK
H	TERMINAL #5	1	BRASS 0.4t	CuSn PLATING
G	FRONT COVER	2	ABS UL 94V-HB	BLACK
F	SHIELDING	1	BRASS 0.3t	CuSn PLATING
E	WASHER	3	PBT UL 94V-0	SEE "TABLE 1"
D	TERMINAL #4	1	BRASS 0.4t	CuSn PLATING
C	HOUSING	1	PBT UL 94V-0	BLACK COLOR
B	TERMINAL #1,3	2	BRASS 0.4t	CuSn PLATING
A	TERMINAL #2	1	BRASS 0.4t	CuSn PLATING

"TABLE 1"

PART NO.	WASHER A COLOR	WASHER B COLOR	WASHER C COLOR
2PJ-R22R-R01	GREEN	BLUE	RED
2PJ-R22R-R02	BLACK	BLACK	BLACK
2PJ-R22R-R03	ORANGE	RED	WHITE

PART NO.
2PJ-R22R-R0X
SEE "TABLE 1"

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	PIN JACK		
DWN	AMYC 2009.06.11	PART NO. 2PJ-R22R-R0X	
CHKD	JOHNSON 2009.06.11	SCALE:N/A	UNIT: mm
APVD	JOHNSON 2009.06.11	SIZE: A3	SHEET:1 OF 1 REV: B

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文件編號 RD-06-035-1A