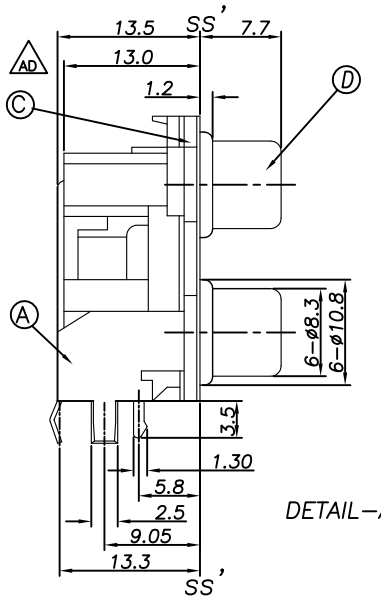
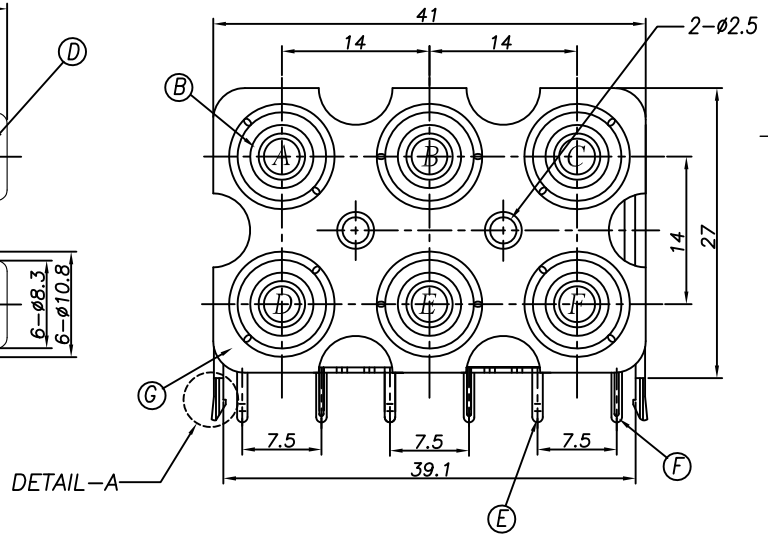
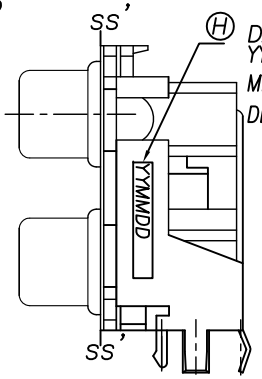
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
AB	ECN NO. T090047	AMYC	2009.07.22
AC	ECN NO. L090071	IVY-C	2010.01.05
AD	PDR RELEASE	IVY-C	2010.04.30

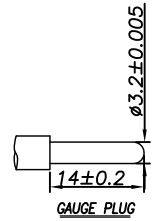


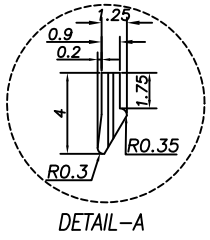




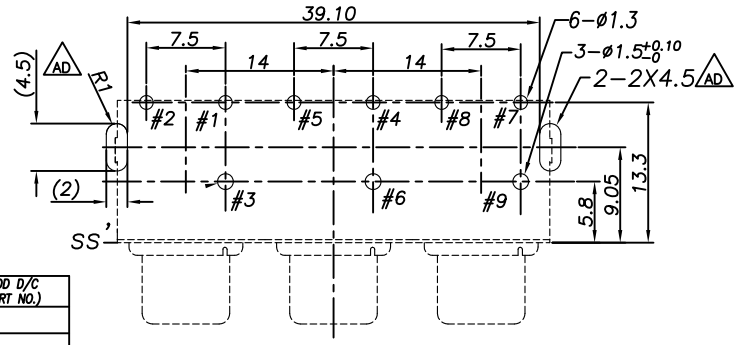
SPECIFICATIONS:

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 secs without lossing and breakdown
9. Life test: 1,500 cycles
10. GREEN PRODUCT IDENTIFICATION LABEL ON PACKING G.P. PASS
11. SOLDER HEAT RESISTANCE: WAVE SOLDERING 260°C 5 SECS.
12. TO CONFORM TO THE SINGATRON HSF SPECIFICATION".
13. SEE "RCA PRODUCT SERIES" SPECIFICATION
14. PACKAGE : SEE "2PJ-246V SERIES" PACKAGE





DETAIL-A



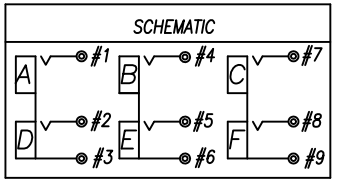
Recommend PCB Layout
<JACK TOP VIEW>
Tolerance=±0.05mm
Recommend PCB thickness=1.6mm

PART NO.
2PJ-246X-BXX
- WAHER COLOR SEE"TABLE 1"
- CONTACT PLATING
  - V : TIN
  - AD T : MATTE TIN ON SOLDER TAIL

AD "TABLE 1"

PART NO.	A	B	C	D	E	F	ADD D/C (PART NO.)
2PJ-246X-B04	RED	BLUE	GREEN	RED	BLUE	GREEN	
2PJ-246X-B05	GREEN	BLUE	RED	GREEN	BLUE	RED	
2PJ-246X-B08	RED	WHITE	YELLOW	RED	BLUE	GREEN	2PJ-246T-B08
2PJ-246X-B09	WHITE	WHITE	WHITE	RED	RED	RED	
2PJ-246X-B11	GREEN	BLUE	RED	YELLOW	WHITE	RED	
2PJ-246X-B12	RED	BLUE	GREEN	RED	WHITE	YWLLOW	
2PJ-246X-B15	YELLOW	WHITE	RED	YELLOW	WHITE	RED	
2PJ-246X-B17	WHITE	WHITE	BLACK	RED	RED	BLACK	
2PJ-246X-B18	RED	RED	RED	WHITE	WHITE	WHITE	
2PJ-246X-B19	RED	BLUE	GREEN	WHITE	RED	YELLOW	
2PJ-246X-B21	BLUE	YELLOW	WHITE	RED	GREEN	RED	
2PJ-246X-B27	GREEN	BLUE	RED	BLACK	WHITE	RED	
2PJ-246X-B28	WHITE	RED	BLACK	GREEN	BLUE	RED	
2PJ-246X-B29	RED	BLUE	GREEN	ORANGE	WHITE	RED	
2PJ-246X-B35	RED	BLUE	GREEN	BLACK	WHITE	RED	
2PJ-246X-B37	YELLOW	WHITE	RED	GREEN	BLUE	RED	

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	INK		Domino IR-270BK & MC-270BK	BLACK COLOR
G	SHIELD	1	BRASS ,0.3t(H62)	Cu/Sn PLATING
F	TERMINAL #1,4,7	3	BRASS ,0.4t(H62)	SEE "PART NO"
E	TERMINAL #2,5,8	3	BRASS ,0.4t(H62)	SEE "PART NO"
D	TERMINAL #3,6,9	3	BRASS ,0.4t(H64)	Cu/Sn PLATING
C	FRONT COVER	1	ABS UL94V-HB	BLACK COLOR
B	WASHER	6	PBT UL94V-0(4130)	SEE "TABLE 1"
A	HOUSING	1	PBT UL94V-0(4815)	BLACK COLOR

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	IVY-C 2010.04.30	PART NO. 2PJ-246X-BXX	
CHKD	DAVID-T 2010.04.30	SCALE:N/A	UNIT: mm
APVD	DAVID-T 2010.04.30	SIZE: A3	SHEET:1 OF 1 REV:AD

CUSTOMER COPY

文件編號 RD-06-043-A