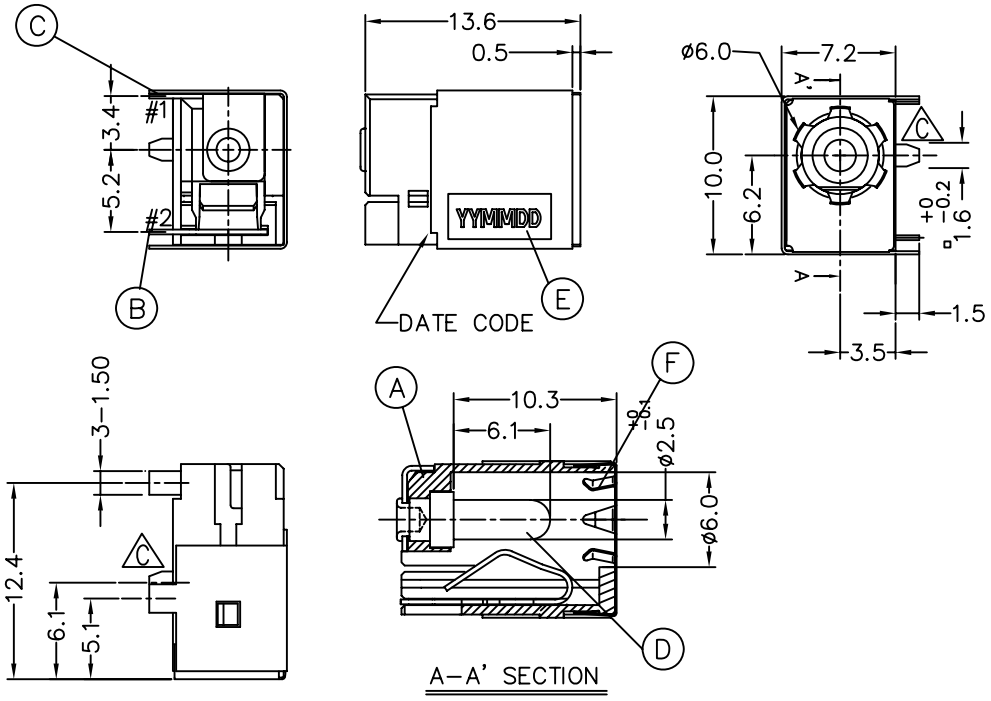
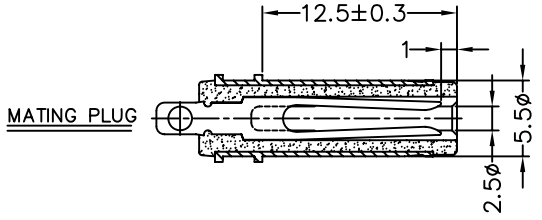
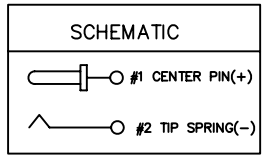
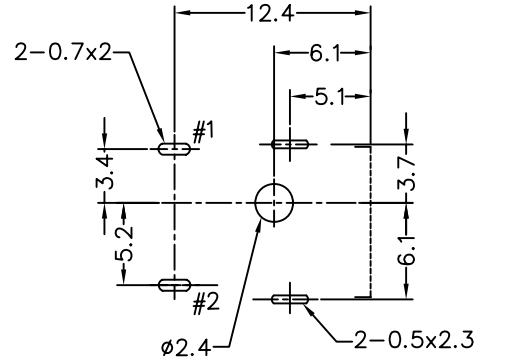
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.20061018-1	POCA	2006.10.18
B	ECN NO.S080728	Mark	2008.09.02
C	ECN NO.S090203	LILI	2009.04.07



SPECIFICATIONS:
1. RATING: DC 20V 7A
2. LOAD SIDE CAPACITANCE: 4.7μF*4 MIN.
3. INSERTION FORCE: 0.4KG-3.0KG
   WITHDRAWAL FORCE: 0.4KG-3.0KG
4. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
5. JACK SHALL WITHSTAND 500 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
6. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
8. MEASURING CONDITION:
   TEMPERATURE: FROM 5°C TO 35°C.
   RELATIVE HUMIDITY: FROM 40% TO 85%
9. ENVIRONMENTAL SPECIFICATIONS:
   9.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
   9.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
   9.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
10. SOLDERABILITY TEST: THE TERMINATION IS AT LEAST 95% COVERED BY A CONTINUOUS NEW SOLDER COATING.
    TEST CONDITION: DIP IN MOLTEN SOLDER FOR 5 Sec. AT 245±5°C
    (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
11. PACKAGING: TAPE & REEL.
12. TO CONFORM TO SINGATRON HARADOUS SUBSTANCE FREE SPEC
13. GREEN PRODUCT IDENTIFICATION MARK ON JACK: △
14. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS
15. FOR WAVE SOLDERING LEAD FREE PRODUCT.







RECOMMENDED P.C.B LAYOUT(T:1.0mm)(TOL: ±0.05)
TOP VIEW

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	GROUNDING SPRING	1	STAINLESS 0.1t	
E	SHIELDING	1	BRASS STRIP 0.2t	Ni 60u"~180u"
D	PIN	1	BRASS BAR	Ni 60u"~180u"
C	TERMINAL	1	BRASS STRIP 0.3t	Ni60u" MIN.
B	TIP SPRING	1	COPPER ALLOY 0.3t	Ag 20u" MIN.,Ni 50u"~180u"
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK

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	DC POWER JACK		
DWN	LILI 2009.04.07	PART NO.:2DC-G026-B16	
CHKD	Quan 2009.04.07	SCALE:3:1	UNIT: mm
APVD	Max 2009.04.07	SIZE: A3	SHEET:1 OF 1 REV:C

CUSTOMER COPY

文件編號 RD-06-043-A