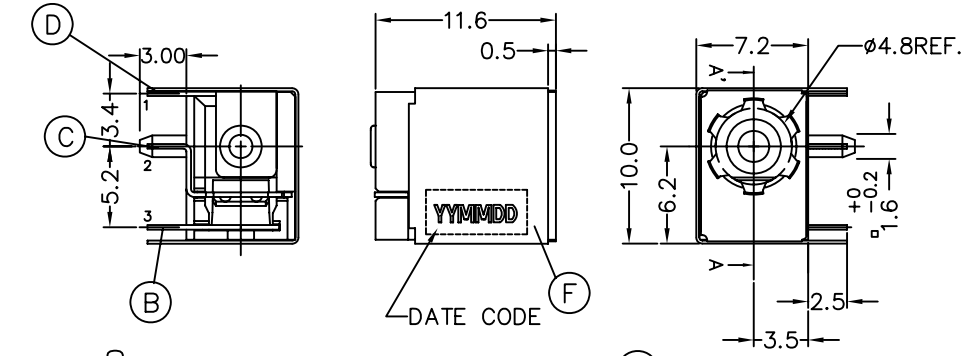
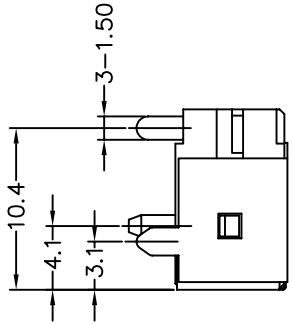
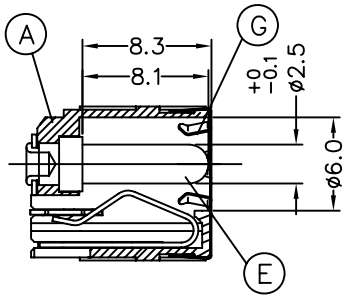
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN NO: 940008	EVEN	2005.6.2
C	ECN NO: 940314	Connie	2005.12.22
D	ECN NO: S080728	Mark	2008.09.01
E	ECN NO. S090318	Sanming	2009.04.30
F	ECN NO. S090523	Swina	2009.05.22



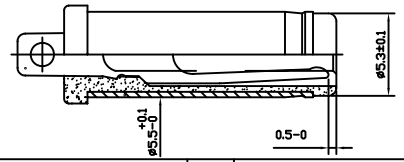


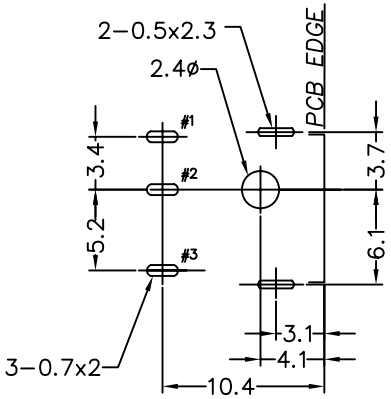


A−A' SECTION

SPECIFICATIONS:

1. RATING: DC 24V 4.5A
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 250 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 REFLOW SOLDERING LEAD−FREE PROCESS.





RECOMMENDED P.C.B(T:1.2mm) LAYOUT
TOP VIEW (TOLERANCE ±0.05)

SCHEMATIC

#1CENTER PIN(+)
#2SHUNT TERMINAL
#3TIP SPRING(−)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	GROUNDING SPRING	1	STAINLESS 0.1t	
F	SHIELDING	1	BRASS STRIP 0.2t	Ni 60u"~180u",Cu 80u" MIN.
E	PIN	1	BRASS BAR	Ni 60u"~180u",Cu 80u" MIN.
D	TERMINAL	1	BRASS STRIP 0.3t	Ni60u" MIN.
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 20u" MIN.,Ni 50u"~180u"
B	TIP SPRING	1	YCUTM−H 0.3T	Ag 20u" Over Ni20u"
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V−0	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	DC POWER JACK		
DWN	Swina 2009.05.22	PART NO. 2DC−G026−B01	
CHKD	Boye 2009.05.23	SCALE:N/A	UNIT: mm
APVD	Max 2009.05.25	SIZE: A3	SHEET: 1 OF 1 REV: F

CUSTOMER COPY

文件編號 RD−06−043−A