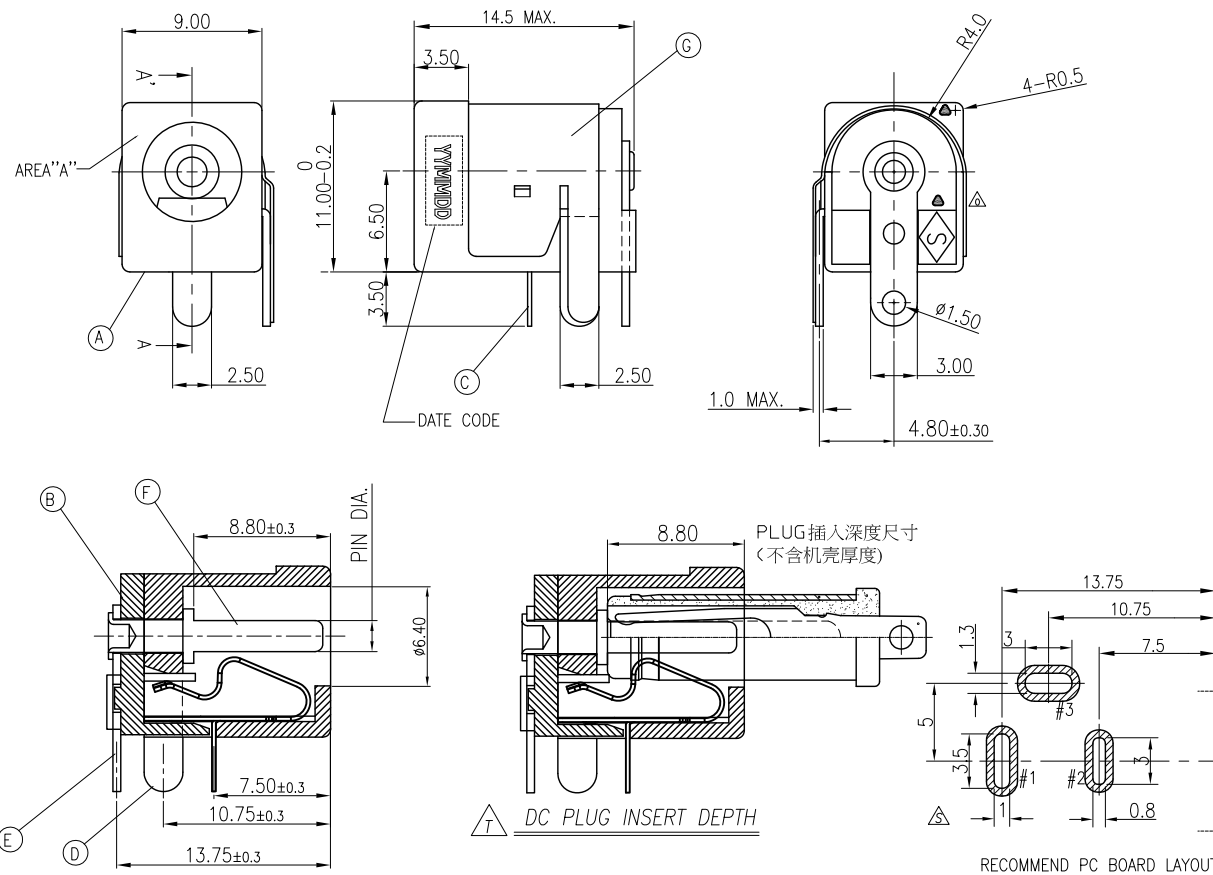
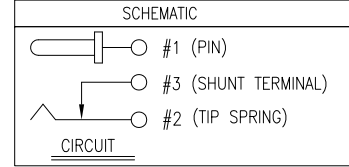


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
R	變更FORCE規格:ECN NO.C100055	BILL	2010.03.29
S	變更Layout :ECN NO.C100120	BILL	2010.05.05
T	ECN NO.:C130152 MODIFY TIP SPRING STRUCTURE DELETE P/N:2DC-S005B100 FROM THE DRAWING	Kermit	2013.11.13

- SPECIFICATIONS:
- RATING: SEE "TABLE"
  - INSERTION FORCE: 0.2KG-2.5KG  
WITHDRAWAL FORCE: 0.2KG-3.0KG
  - INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINAL SHALL NOT BE LESS THAN 100 MEGOHMS BY 500V DC.
  - JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
  - CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.(INITIAL)
  - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
  - MEASURING CONDITION:  
TEMPERATURE: FROM 5°C TO 35°C.  
RELATIVE HUMIDITY: FROM 40% TO 85%.
  - ENVIRONMENTAL SPECIFICATIONS:
    - HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
    - HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
    - COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
  - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPECIFICATION.
  - GREEN PRODUCT IDENTIFICATION MARK ON JACK:
  - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
  - FOR 260°C 10SEC.WAVE SOLDERING LEAD-FREE PROCESS.
  - DATE CODE "YMMDD":
    - DAY
    - MONTH
    - YEAR



RECOMMEND PC BOARD LAYOUT  
TOP VIEW (TOLERANCE ±0.05)



"TABLE"

P/N	PIN DIA.	AREA "A"	RATING	COLOR
2DC-S005-D13	2.0 $\phi$ <sup>+0</sup> / <sub>-0.1</sub>	MATTE SURFACE	DC 20V 4A	Red(703C)
2DC-S005D100	2.0 $\phi$ <sup>+0</sup> / <sub>-0.1</sub>	MATTE SURFACE		BLACK COLOR
2DC-S005C100	2.35 $\phi$ <sup>+0</sup> / <sub>-0.1</sub>	BRIGHT SURFACE	DC 16V 3A	

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	SHIELDING PLATE	1	COPPER ALLOY 0.2T	HIGH TEMP.Sn BRIGHT 60u"MIN., Ni50u"MIN,Cu60u"MIN.
F	PIN	1	COPPER ALLOY	Ni60u"MIN,Cu80u"MIN.
E	TERMINAL	1	COPPER ALLOY 0.5T	Ag20u"MIN,Ni20u"MIN.
D	SHUNT TERMINAL	1	COPPER ALLOY 0.5T	Ag20u"MIN,Ni20u"MIN.
C	TIP SPRING	1	COPPER ALLOY 0.25T	Ag20u"MIN,Ni20u"MIN.
B	COVER	1	THERMAL PLASTIC UL 94V-0	SEE TABLE
A	BODY	1	THERMAL PLASTIC UL 94V-0	SEE TABLE

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS: ANGLES:  
X :±0.5 X :±2°  
X.X :±0.3 X.X :±1°  
X.XX :±0.2

TITLE	DC POWER JACK		
DWN	Kermit 13/11/27	PART NO. 2DC-S005XXXX	
CHKD	ZJZ 13/11/27	SCALE 3:1 UNIT: mm	
APVD	Liao 13/11/27	SIZE: A4 SHEET: 10F1	REV: T

CUSTOMER COPY