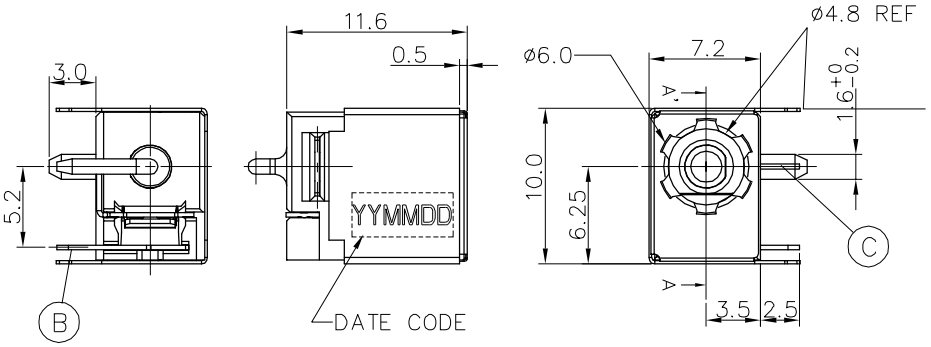
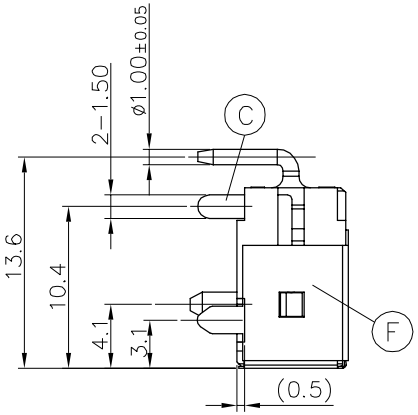
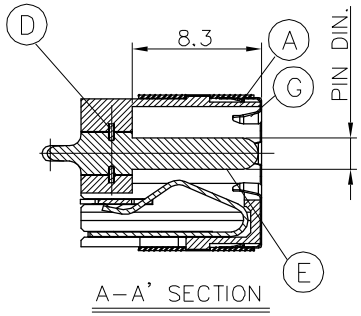
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
I	ECN NO.S080720	Quan-Zhou	2008.08.19
J	ECR NO.S100922	ANDY	2010.09.20
K	ECN NO. S180801-01 △k	Zhijun	2019.01.08





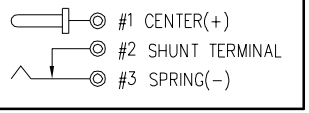


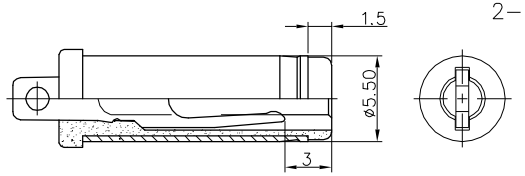
A-A' SECTION

SPECIFICATIONS:

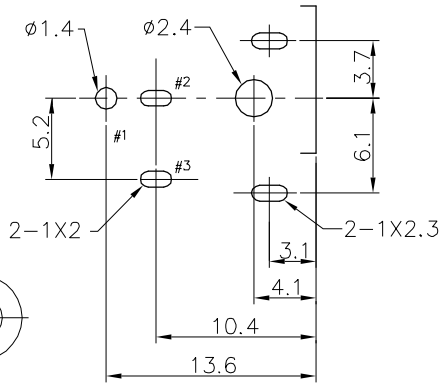
1. RATING: DC 20V 4A
2. INSERTION FORCE: 0.4KG-3.0KG
   WITHDRAWAL FORCE: 0.4KG-3.0KG
3. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
4. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
5. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
7. MEASURING CONDITION:
   TEMPERATURE: FROM 5°C TO 35°C.
   RELATIVE HUMIDITY: FROM 40% TO 85%
8. ENVIRONMENTAL SPECIFICATIONS:
   8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
   8.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
   8.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
9. 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 265±5°C (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
10. PACKING: TAPE&REEL.
11. SOLDERING CONDITION: WAVE SOLDERING / IR REFLOW.
12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
13. GREEN PRODUCT IDENTIFICATION MARK ON JACK: △
14. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS
15. FOR LEAD FREE PROCESS.
16. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.

SCHEMATIC

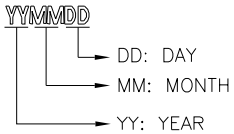




MATING PLUG ø5.50



RECOMMENDED P.C.B LAYOUT
TOP VIEW (TOLERANCES:±0.05)



ORDERING CODE:
2DC-G756□200

△k	PART NO.	PIN DIA.
	B	ø2.5 +0 -0.1
	I	ø1.65 +0 -0.1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	GROUNDING SPRING	1	STAINLESS 0.1t	N/A
F	SHIELDING	1	BRASS STRIP 0.2t	Ni 60u" Min
E	PIN	1	BRASS BAR	Ag 20u" Min
D	TERMINAL	1	STAINLESS 0.3t	N/A
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 20u" Min
B	TIP SPRING	1	BRASS STRIP 0.3t	Ag 20u" Min
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	Zhijun	PART NO. 2DC-G756X200		
CHKD	Sky	SCALE:3/1	UNIT: mm	
APVD	Lussen	SIZE: A3	SHEET:1 OF 1	REV:k

CUSTOMER COPY

文件編號 RD-06-043-A