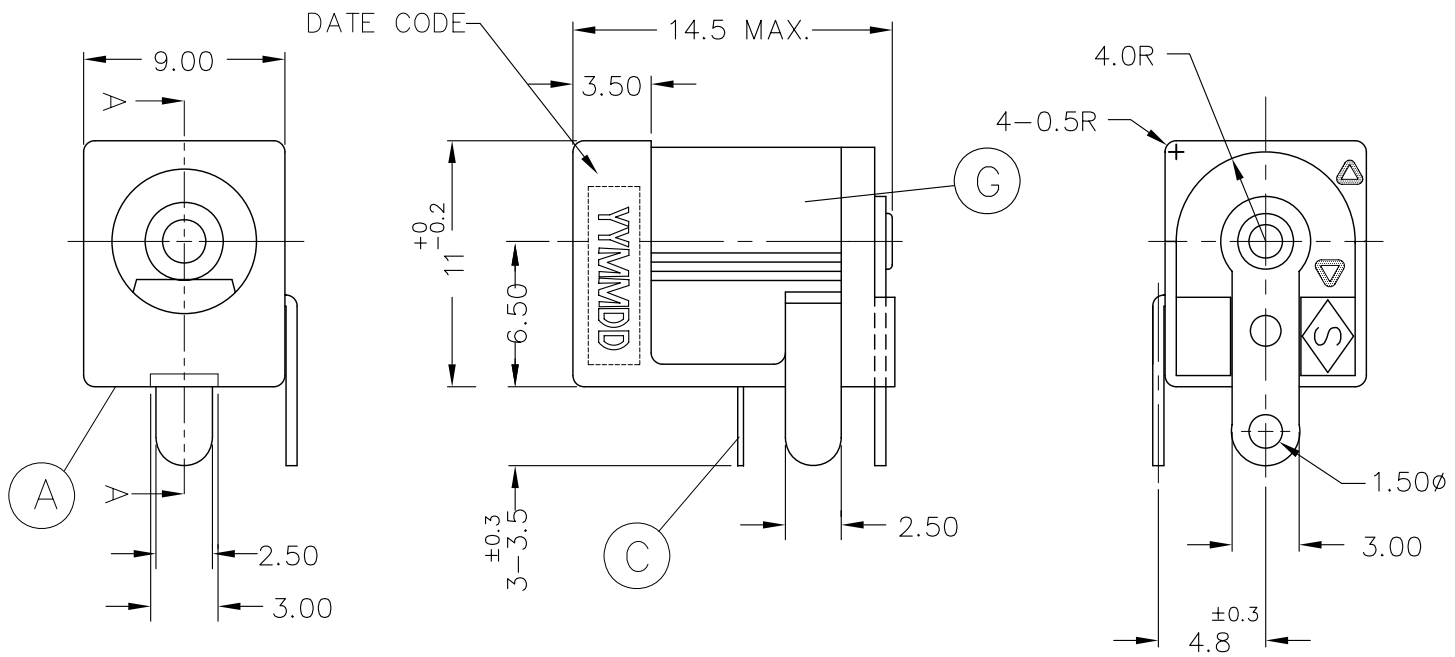
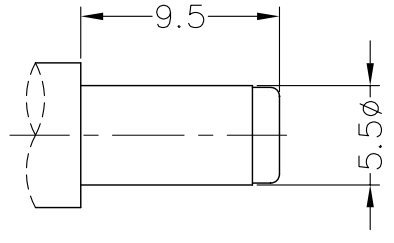
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
E	MODIFY HIGE TEMP. MARK	EVEN	02/20'04
F	C070081,CHANGE PIN HEAD FROM FULL R TO R	ZK.Chen	6/28'07
G	△G 料號瘦身，ECN NO.:T0900047	KENSON	8/18'09

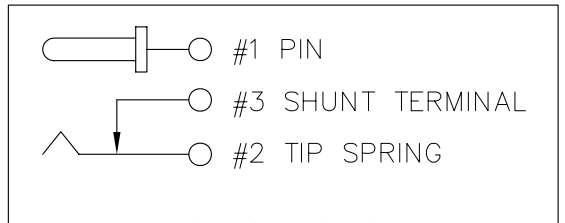


A−A' SECTION

RECOMMENDED PCB LAYOUT
<TOP VIEW>TOLERANCE:±0.05



MATING PLUG



ELECTRICAL CIRCUIT

△G 2DC−0305□ 200

PART NO.	PIN DIA.
C	2.35ø +0 −0.1
D	2.0ø +0 −0.1
F	1.87ø +0 −0.1
G	1.45ø +0 −0.1

SPECIFICATIONS:

1. RATING: DC 16V 3A
2. INSERTION FORCE: 0.2KG−2KG
   WITHDRAWAL FORCE: 0.2KG−1.5KG
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. SOLDER HEAT RESISTANCE/TIME: WAVE SOLDERING OR IR REFLOW (PEAK TEMP.: 260°C 10SECS)
10. TO CONFORM TO THE "SE−01−001" & "ROHS DIRECTIVE"
11. GREEN PRODUCT IDENTIFICATION MARK IN JACK △
12. GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: **G.P. PASS**
13. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.

DATE CODE: YYMMDD
- DD: DAY
- MM: MONTH
- YY: YEAR

NO	DESCRIPTION	QTY	MATERIAL	PLATING&COLOR
F	PIN	1	BRASS	NICKEL PLATING
E	TERMINAL	1	COPPER ALLOY,0.5T	SILVER PLATING
D	SHUNT TERMINAL	1	COPPER ALLOY,0.5T	SILVER PLATING
C	TIP SPRING	1	COPPER ALLOY,0.3T	SILVER PLATING
B	COVER	1	HI−TERMP THERMOLPLASTIC W/ 30% GF.,UL94V−0	BLACK COLOR
A	BODY	1	HI−TERMP THERMOLPLASTIC W/ 30% GF.,UL94V−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 Electronic(Chung−Shan) Co., Ltd.
信電子(中山)有限公司

TITEL	DC POWER JACK			
DWN	KENSON 8/18'09	PART NO. 2DC−0305X200		
CHKD	HARVEY 8/18'09	SCALE: N/A	UNIT: mm	
APVD	ROBIN 8/18'09	SIZE: A3	SHEET: 1OF1	REV: G

CUSTOMER COPY

文件編號:RD−06−035−2A