

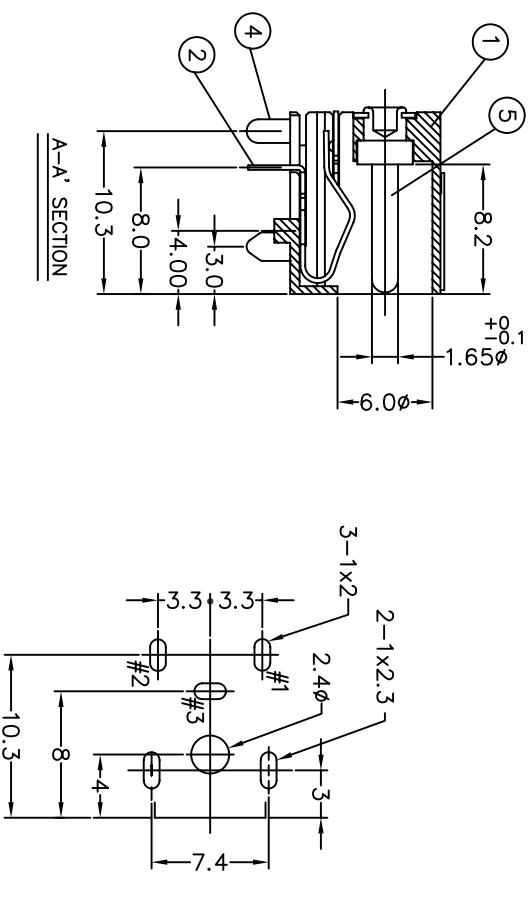
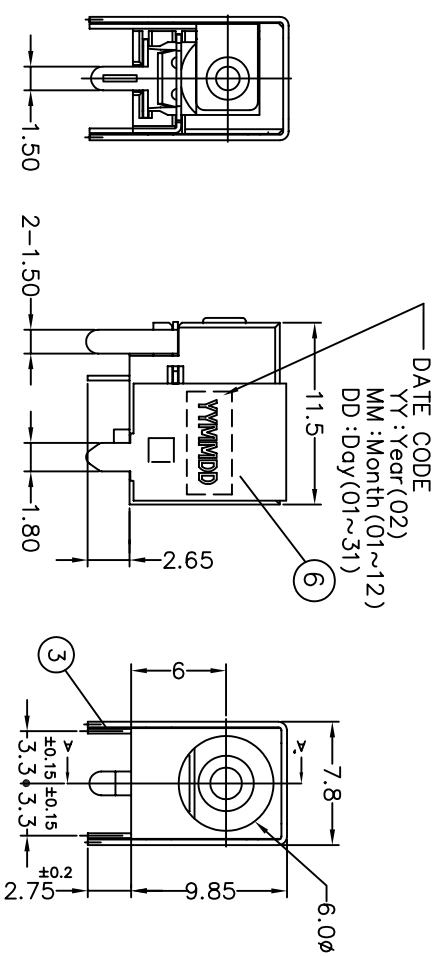


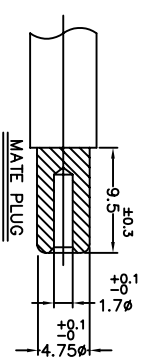
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
E	ECN NO: 920008	EVEN	2006.2.6
F	ECN NO: T070079	JASON	2007.3.9
G	ECN NO: T070322	JASON	2007.11.2

SPECIFICATIONS:

- RATING: DC 24V 2A
- INSERTION FORCE: 0.4KG-3.0KG
- WITHDRAWAL FORCE: 0.4KG-3.0KG
- INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
- JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
- 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.
- 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)
- SUITABLE PLUG: EIA RC-5320A TYPE A, PART 3
- SOLDER HEAT RESISTANCE: 260°C 10SECS.
- TO CONFORM TO THE "SE-01-001" & "ROHS DIRECTIVE"
- GREEN PRODUCT IDENTIFICATION MARK IN JACK: 
- GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: 
- FOR LEAD-FREE PROCESS.



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



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
1	BODY	1	UL 94V-0	BLACK COLOR
2	TIP SPRING	1	COPPER ALLOY 0.3t	SILVER PLATING
3	SHUNT TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
4	TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
5	PIN	1	BRASS BAR	NICKEL PLATING
6	SHIELDING	1	BRASS STRIP 0.35t	TIN (lead-free) PLATING

UNLESS OTHERWISE SPECIFIED TOLERANCES

TITLE	DC POWER JACK
DWN	JASON 2007/11/2 PART NO. 2DC-S006-105
CHKD	JASON 2007/11/2 SCALE: 3/1 UNIT: mm
APVD	JASON 2007/11/2 SIZE: A3 SHEET: 10F1 REV: G

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Singatron Enterprise Co., Ltd.
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