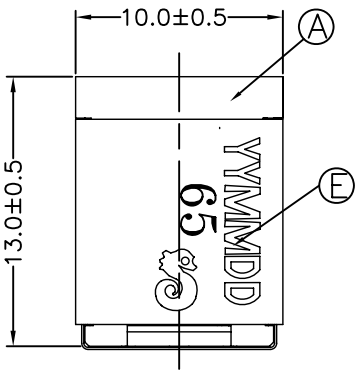
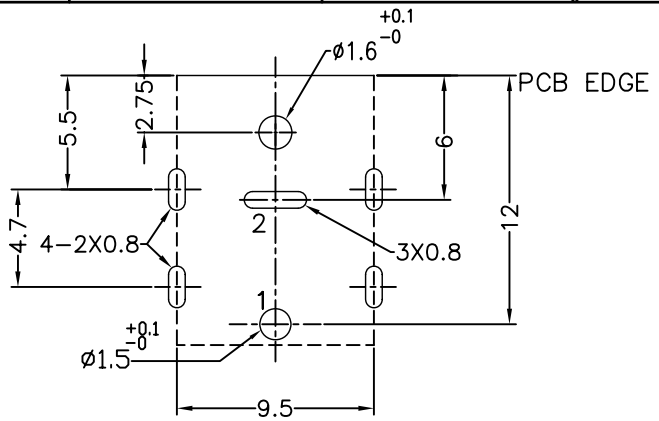
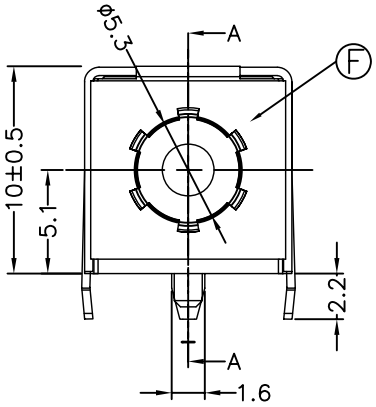
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T090903-2A	HARLEN	2009.9.10

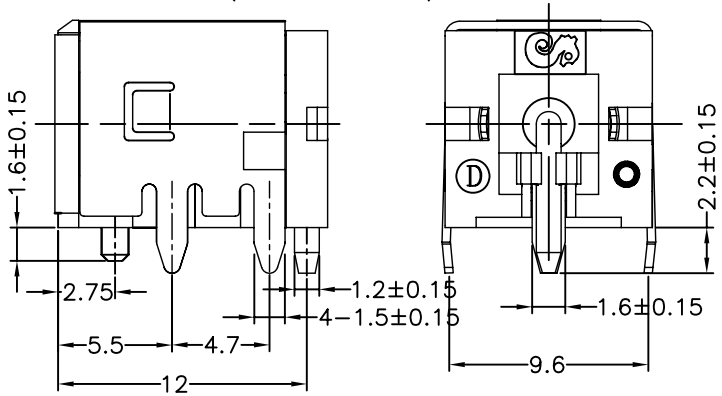




RECOMMEND P.C.B LAYOUT

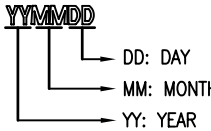
TOP VIEW (TOLERANCE ±0.05)



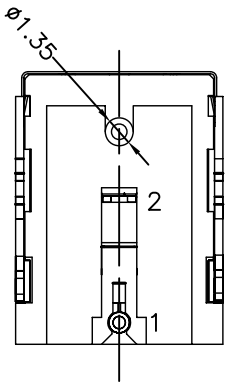


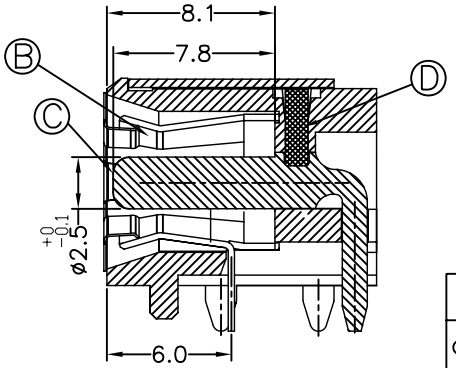
SPECIFICATIONS:

1. INSERTION FORCE: 3.0KG MAX.
   WITHDRAWAL FORCE: 1.0KG−3.0KG
2. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
3. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
4. CONTACT RESISTANCE SHALL NOT EXCEED30m Ω
5. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE SHALL NOT EXCEED 50mΩ
6. MEASURING CONDITION:
   TEMPERATURE: FROM 5°C TO 35°C.
   RELATIVE HUMIDITY: FROM 40% TO 85%.
7. ENVIRONMENTAL SPECIFICATIONS:
7.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ±2°C FOR 96 HOURS.
7.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
7.3 COLD TEST: TEMPERATURE −40°C ± 2°C FOR 96 HOURS.
8. PACKAGING: TRAY
9. PRINTED DATE CODE" YYMMDD"ON TOP OF CONNECTOR.

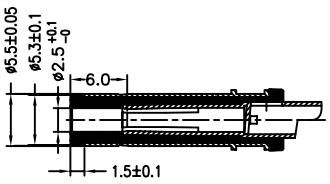


10. MATING PLUG : SINGATRON'S P/N : 2DP−G213−B04(PLUG SET)
11. SOLDER HEAT RESISTANCE: WAVE SOLDERING 260°C 10 SECS.
12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
13. HALOGEN FREE PRODUCT INDENTIFICATION MARK ON JACK:
14. HALOGEN FREE PRODUCT INDENTIFICATION LOGO ON PACKING
15. FOR WAVE SOLDERING LEAD−FREE PROCESS.





Section A−A



ø5.5 PLUG TYPE(2DP−G213−B04)

1.RATING: DC 20V 10A 44uF

SCHEMATIC

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	GROUND	1	STAILESS 0.15t	N/A
E	SHELL	1	SPCC−SD 0.4T	Sn1.5um MIN
D	STOPPER	1	HIGH TEMP.THERMOPLASTIC UL94V−0	BLACK
C	PIN	1	2.5ØHBI59−1.5B	Ag0.5um MIN
B	SPRING	1	COPPER ALLOY 0.3t	Sn1.5um MIN
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL94V−0	BLACK

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	Harlen 2009.10.19	PART NO. 2DC−G213−B62	
CHKD	QUAN 2009.10.19	SCALE:4:1	UNIT: mm
APVD	MAX 2009.10.19	SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號:RD−06−043−A