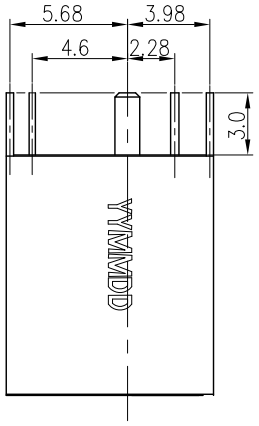
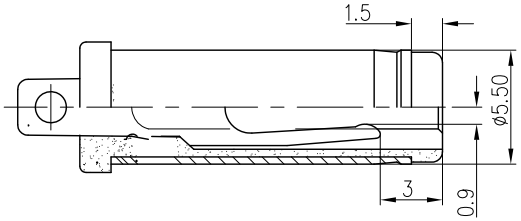
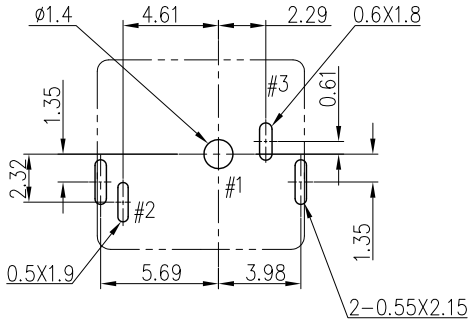
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCE RELEASE	Fanluo	2011.05.05
B	ECN: C120235 UPDATE DRAWING	DAOWEN	2012.07.17
C	ECN: C120384 MODIFY DRAWING	DAOWEN	2013.03.15



MATE PLUG

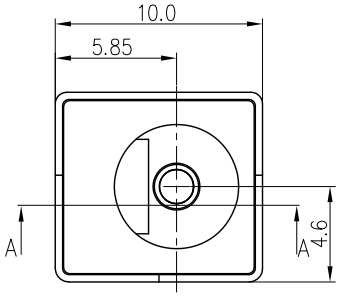


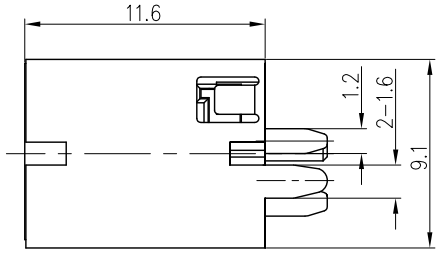


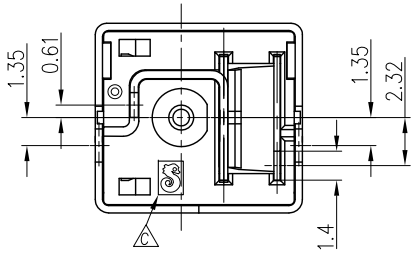
RECOMMENDED P.C.B LAYOUT
(TOP VIEW)(TOLERANCE: ±0.05)

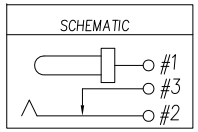
SPECIFICATIONS:

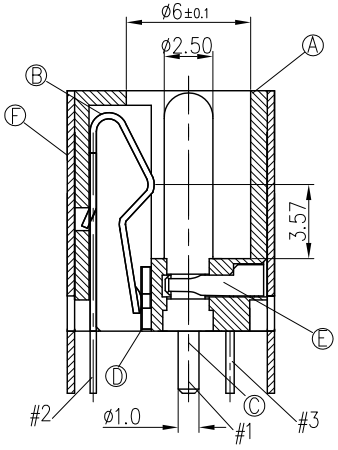
1. RATING: DC 20V 7A
2. INSERTION FORCE: 2.5Kg Max
   WITHDRAWAL FORCE: 1.0Kg~2.5Kg
3. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500V DC.
4. JACK SHALL WITHSTAND 500 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
5. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.06 OHMS.
7. MEASURING CONDITION:
   TEMPERATURE: FROM 5°C TO 35°C.
   RELATIVE HUMIDITY: FROM 40% TO 85%.
8. PRINTED DATE CODE"YYMMDD"ON TOP OF CONNECTOR.
9. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
10. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: ⓎⒽ
11. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
12. FOR 260°C 10SEC. WAVE SOLDERING LEAD-FREE PROCESS.



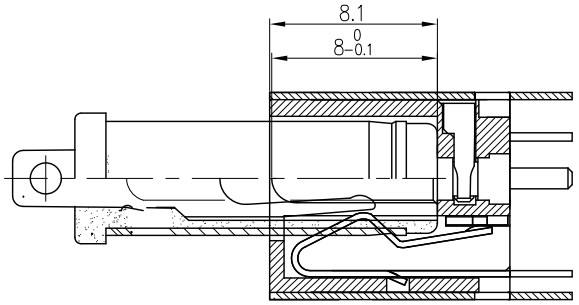








SECTION A - A



DC JACK INSERT DEPTH

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHIELD	1	COPPER ALLOY 0.35T	Sn(LEAF-FREE) PLATING
E	TERMINAL	1	HIGHT TEMP.THERMOPLASTIC UL94V-0	BLACK
D	SHUNT TERMINAL	1	COPPER ALLOY 0.4T	Ag PLATING.
C	CENTER PIN	1	BRASS BAR	NI PLATING.
B	TIP SPRING	1	COPPER ALLOY 0.3T	Ag PLATING.
A	BODY	1	HIGHT 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	Daowen 13/3/27	PART NO. 2DC-S228B200F		
CHKD	ZJZ 13/3/27	SCALE 4:1	UNIT: mm	
APVD	Liao 13/3/27	SIZE: A4	SHEET: 1OF1	REV: C

CUSTOMER COPY

文件編號:RD-06-043-A