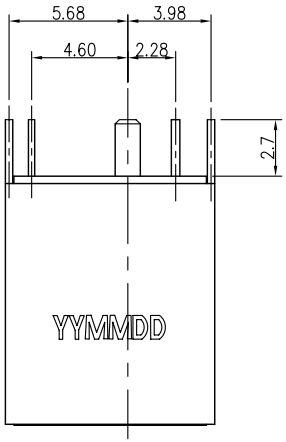
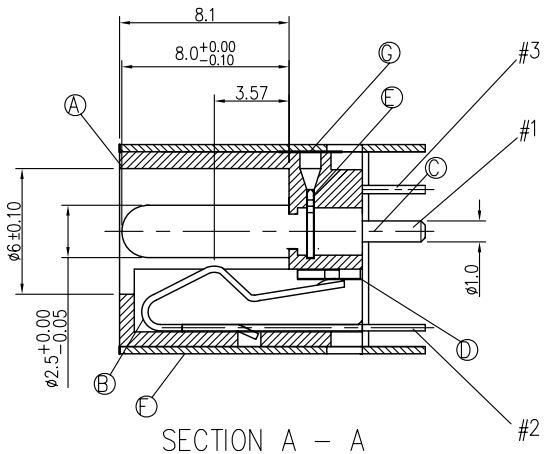
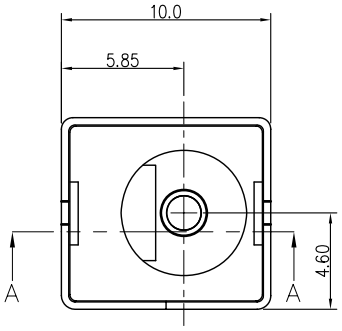
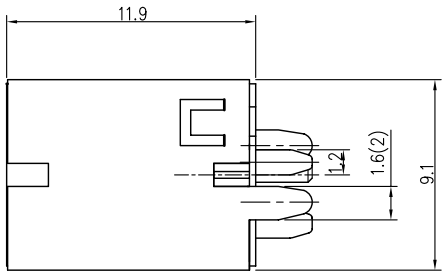
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASED	HAIHUA	2009.10.19

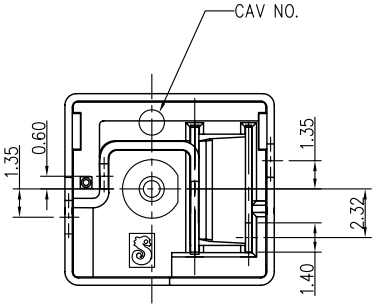




SECTION A – A

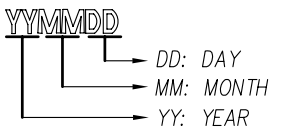


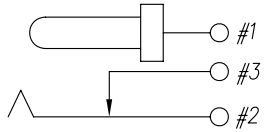




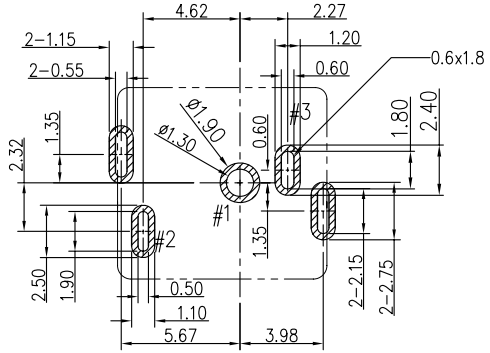
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1–1. RATING: DC20V 5.5A
   1–2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
   1–3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
   1–4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   2–1. INSERTION FORCE : 0.3~2.5 KGF
   2–2. WITHDRAWAL FORCE : 1.0~2.5 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC0028 SERIES SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. SOLDERING HEAT RESISTANCE : PEAK 260°C 10 SECS
10. MEASURING CONDITION :
    TEMPERATURE: FROM 5°C TO 35°C.
    RELATIVE HUMIDITY: FROM 40% TO 85%.



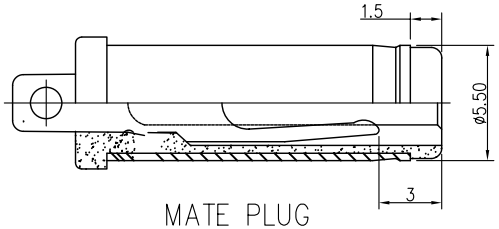


CIRCUIT



RECOMMENDED P.C.B LAYOUT(THICKNESS 1.5±0.1)

TOP VIEW(TOLERENCE IS ±0.05)



MATE PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	MYLAR	1	INSULATION FILM 0.075t	TRANSPARENT
F	SHIELD	1	BRASS 0.35t	TIN PLATING
E	TERMINAL	1	SUS 0.3t	N/A
D	SHUNT TERMINAL	1	BRASS 0.4t	SILVER PLATING
C	CONTACT PIN	1	BRASS Ø2.5	SILVER PLATING
B	TIP SPRING	1	COPPER ALLOY 0.3t	SILVER PLATING
A	BODY	1	HIGHT TEMP.THERMOPLASTIC UL94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	DC POWER JACK		
DWN	HARVEY 09.11.28	PART NO. 2DC-S228-B12	
CHKD		SCALE 4:1	UNIT: mm
APVD	Robin	SIZE: A3	SHEET: 1OF1 REV: A

CUSTOMER COPY

文件編號:RD-06-043-A