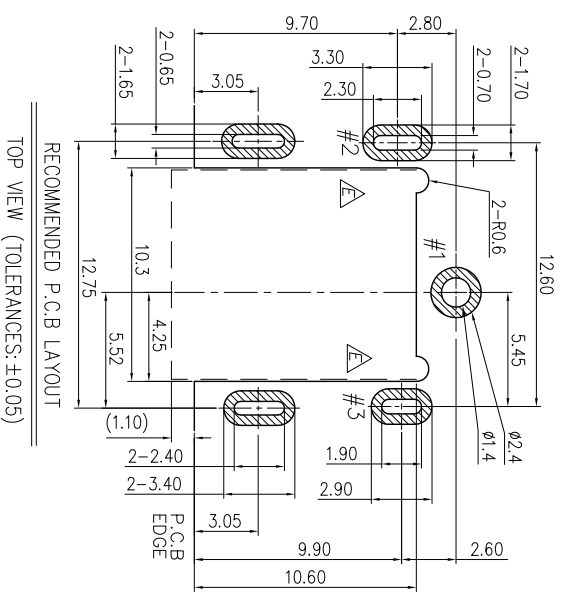
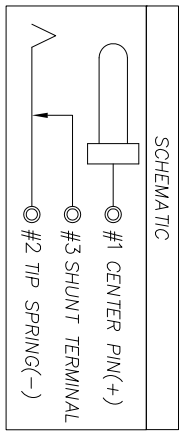
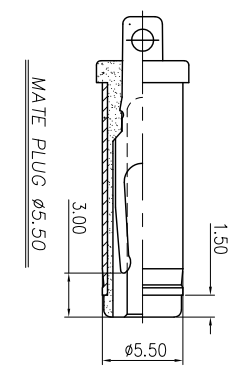
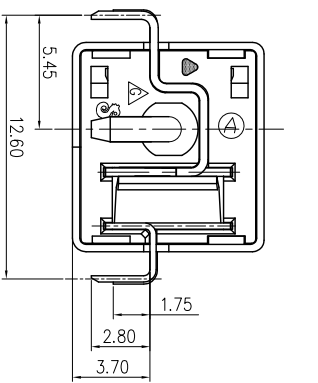
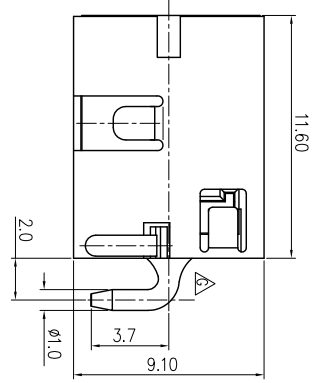
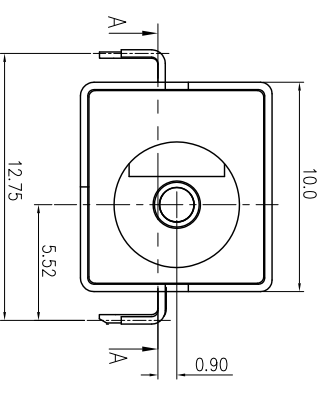
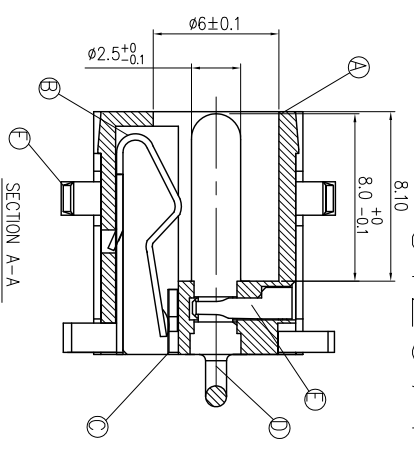
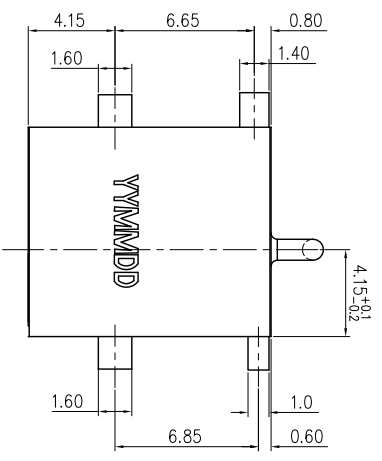


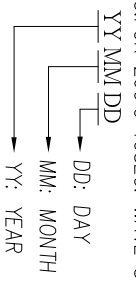
C120717-1A



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

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
E	ECN NO: C1000198 CHANGE LAYOUT	BILL	2010.05.28
F	ECN NO.: C1000044	REX	2010.07.27
G	ECN NO.: C1300222 MODIFY BODY&PIN	ZLS	2013.07.02

- DETAIL SPEC: 2DC-S028-SERIES
1. RATING: DC 20V 5.5A
 2. INSERTION FORCE: 0.5Kg~2.5Kg
 3. WITHDRAWAL FORCE: 0.5Kg~2.5Kg
 4. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500V DC.
 5. JACK SHALL WITHSTAND 500 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 6. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
 7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.06 OHMS.
 8. MEASURING CONDITION:
 9. TEMPERATURE: FROM 5°C TO 35°C.
 10. RELATIVE HUMIDITY: FROM 40% TO 85%.
 11. PACKAGING: TAPE&REEL
 12. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.
 13. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 14. GREEN PRODUCT IDENTIFICATION MARK ON JACK: ♻️
 15. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
 16. FOR 260°C WAVE SOLDERING LEAD-FREE PROCESS.



NO.	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHIELD	1	COOPER ALLOY 0.35t	Sn BRIGHT 40~50u, *N20~30u*
E	TERMINAL	1	HIGHT TEMP. THERMOPLASTIC U94V-0	BLACK COLOR
D	CONTACT PIN	1	BRASS Ø2.5	GOLD FLASH, Ni50u, *Ni
C	SHUNT TERMINAL	1	COOPER ALLOY 0.4t	Ag20u, *Ni, Ni20u, *Ni
B	TIP SPRING	1	COOPER ALLOY 0.3t	Ag20u, *Ni, Ni20u, *Ni
A	BODY	1	HIGHT TEMP. THERMOPLASTIC U94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS:	ANGLES:	TITLE
X : ±0.5	X : ±2°	DC POWER JACK
X.X : ±0.3	X.X : ±1°	PART NO. 2DC-S028-B03
X.XX : ±0.2		SCALE 4:1
		UNIT: mm
		SIZE: A3
		SHEET: 10F1
		REV: G

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