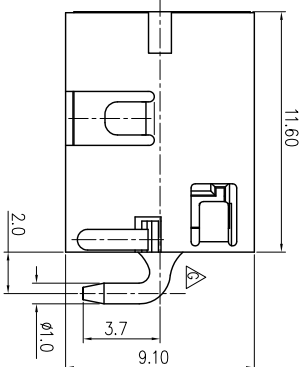
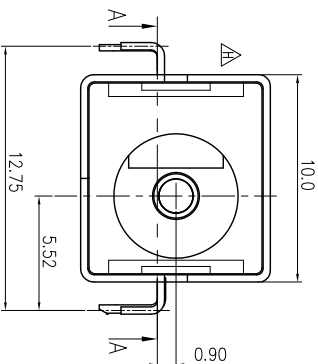
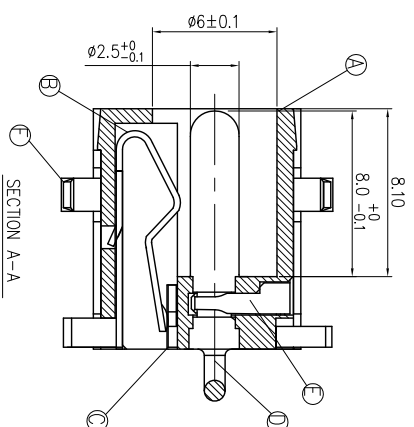
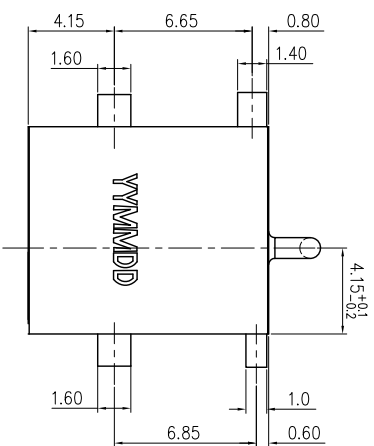
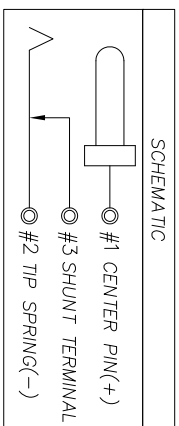
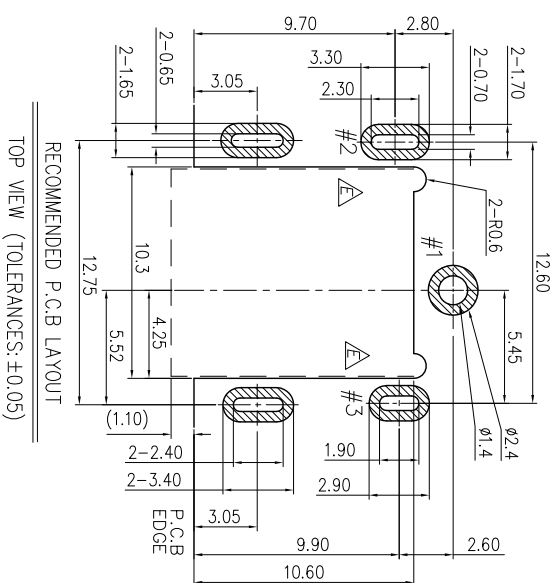


MATE PLUG $\phi 5.50$



SCHEMATIC



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

DETAIL SPEC: 2DC-S028-SERIES

1. RATING: DC 20V 5.5A
2. INSERTION FORCE: 0.5kg~2.5kg
WITHDRAWAL FORCE: 0.5kg~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. PACKAGING: TAPE&REEL
9. PRINTED DATE CODE "YMMMD" ON TOP OF CONNECTOR.
10. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
11. GREEN PRODUCT IDENTIFICATION MARK ON JACK: ♻️
12. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
13. FOR 260°C 10SEC. WAVE SOLDERING LEAD-FREE PROCESS.

XY MM DD
DD: DAY
MM: MONTH
YY: YEAR

REV	ECN NO	OR DESCRIPTION	REVISED	DATE
F	ECN NO.: C100044		REXX	2010.07.27
G	ECN NO.: C130022	MODIFY BODY&PIN	ZLS	2013.07.02
H	ECN: C140262	MODIFY DRAWING	CHEN	2014.12.01

F	SHIELD	1	COOPER ALLOY 0.35t	Sn BRIGHT 40~500" Ni20~300"
E	TERMINAL	1	HIGHT TEMP.THERMOPLASTIC UL94V-0	BLACK COLOR
D	CONTACT PIN	1	BRASS $\phi 2.5$	GOLD FLASH Ni50u"MIN
C	SHUNT TERMINAL	1	COOPER ALLOY 0.4t	Ag20u"MIN.Ni20u"MIN
B	TIP SPRING	1	COOPER ALLOY 0.3t	Ag20u"MIN.Ni20u"MIN
A	BODY	1	HIGHT TEMP.THERMOPLASTIC UL94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ± 0.5 X : $\pm 2^\circ$
X.X : ± 0.3 X.X : $\pm 1^\circ$
X.XX : ± 0.2

TITLE		DC POWER JACK	
DWN	CODED	PART NO.	2DC-S028-B03
CHKD	REV	SCALE	4:1 UNIT: mm
APVD	SIZE	SHEET	10F1 REV: H

CUSTOMER COPY

Singatron Enterprise Co., Ltd.
信晉企業股份有限公司