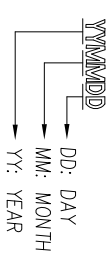
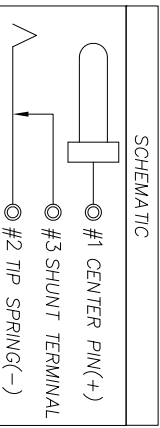


REV	ECN NO	OR DESCRIPTION	REVISED	DATE
I	ECN NO: C100198	CHANGE LAYOUT	BILL	2010.06.02
J	ECN NO: C100044		REX	2010.07.27
K	ECN NO: C130022	MODIFY BODY&PIN	ZLS	2013.07.02
L	ECN NO: C140271 DELETE P/N: 20C-S028-B01 FROM THE DRAWING		KEMIT	2014.12.03

- SPECIFICATIONS:**
- RATING: DC 20V 5.5A.
 - INSERTION FORCE: 2.5kg MAX. WITHDRAWAL FORCE: 1.0kg~2.5kg
 - INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500V DC.
 - JACK SHALL WITHSTAND 500 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 - CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
 - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.06 OHMS.
 - MEASURING CONDITION:
TEMPERATURE: FROM 5°C TO 35°C.
RELATIVE HUMIDITY: FROM 40% TO 85%.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION MARK ON JACK:
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - FOR 260°C 10SEC. WAVE SOLDERING LEAD-FREE PRODUCT.
 - PACKAGING: TAPE & REEL.
 - PRINTED DATE CODE "YMMMD" ON TOP OF CONNECTOR.



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHIELD	1	BRASS 0.35t	SEE "TABLE 1"
E	TERMINAL	1	HIGHT TEMP.THERMOPLASTIC UL94V-0	BLACK COLOR
D	CONTACT PIN	1	BRASS BAR	Ag20u "MIN,N120u"MIN
C	SHUNT TERMINAL	1	BRASS 0.4t	Ag20u "MIN,N120u"MIN
B	TIP SPRING	1	COPPER ALLOY 0.3t	Ag20u "MIN,N120u"MIN
A	BODY	1	HIGHT TEMP.THERMOPLASTIC UL94V-0	YELLOW COLOR(123C)

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

TITLE	DC POWER JACK
DIM	kernel 14/12/09
CHKD	Bill 14/12/09
APVD	Zzz 14/12/09
PART NO.	2DC-S028-X01
SCALE	4:1
UNIT	mm
SIZE	A3
SHEET	10F1
REV	L

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

"TABLE 1"

PART NO.	(PIN P/N)	SHIELD PLATING	DIM A
2DC-S028-C01	2.35φ-1.6t	Ni 60u"MIN	2.3
2DC-S028-B01	1.65φ-1.6t	Ni 60u" Min.(SOLDERABILITY)	2.8