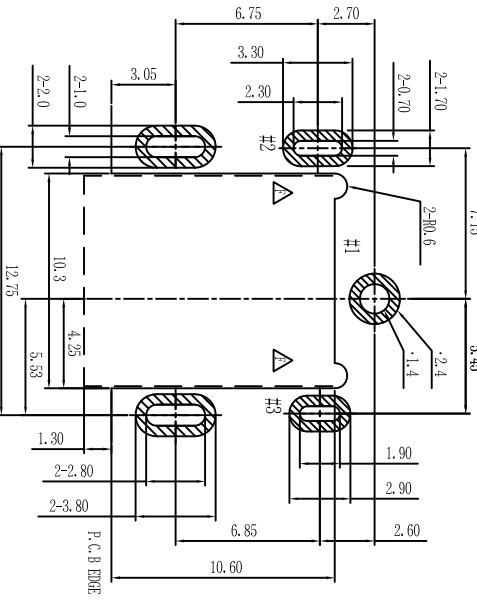


MATING PLUG $\phi 5.50$
(TOLERANCES: ± 0.05)

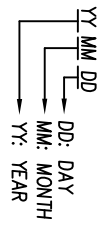
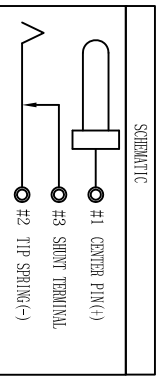


RECOMMENDED P.C.B. LAYOUT
TOP VIEW (TOLERANCES: ± 0.05)

TABLE 1	
PART NO.	PIN PLATING
2DC-6028-102	BLACK COLOR
2DC-6028-104	YELLOW COLOR

REV.	ECON NO OR DESCRIPTION	REVISED	DATE
F	ECON NO:C100198 CHANGE LAYOUT	BILL	2010.06.02
G	ECON NO:C100044	REX	2010.07.27
H	ECON NO:C100398	LONGJIANG	2010.09.28
I	ECON:C110345-4 MODIFY DIMENSION	Haijin	2012.01.04

- SPECIFICATIONS:
- RATING: DC 20V 7A
 - 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 LABEL ON PACKAGING: **G.P.PASS**
 - FOR WAVE SOLDERING LEAD-FREE PRODUCT.
 - PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.
 - PACKAGING: TAPE&REEL



NO	DESCRIPTION	QTY	MATERIAL
G	GROUND	1	SUS 0.1t
F	SHIELD	1	BRASS 0.35t
E	TERMINAL	1	PA9T+30% UL 94V-0
D	CONTACT PIN	1	BRASS BAR
C	SHUNT TERMINAL	1	BRASS 0.4t
B	TIP SPRING	1	COPPER ALLOY 0.3t
A	BODY	1	PA9T+30% GF

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信亨企業股份有限公司

DECIMALS:	ANGLES:	TITLE
X : ± 0.5	X : $\pm 2^\circ$	DC POWER JACK
X.X : ± 0.3	X.X : $\pm 1^\circ$	PART NO. 2DC-6028-10X
X.XX : ± 0.2		SCALE: 4:1

UNLESS OTHERWISE SPECIFIED TOLERANCES

DATE CODE: YYMMDD

SIZE: A3

SHEET: 10/1

REV: I

CUSTOMER COPY