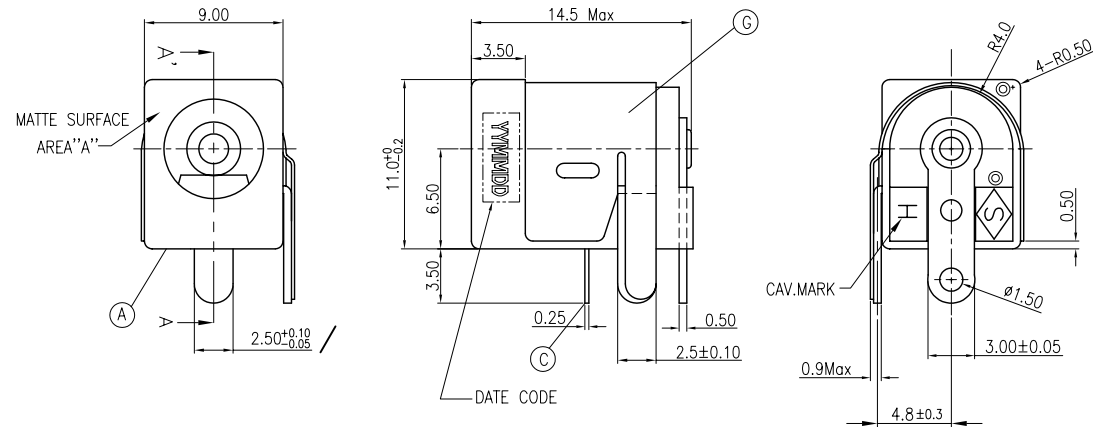


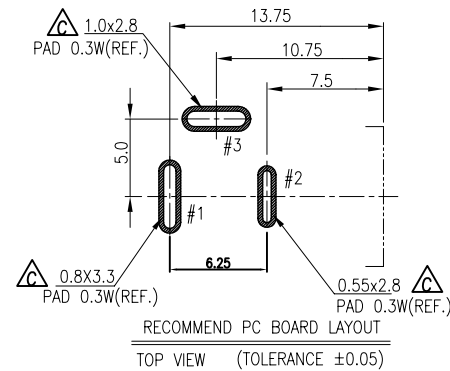
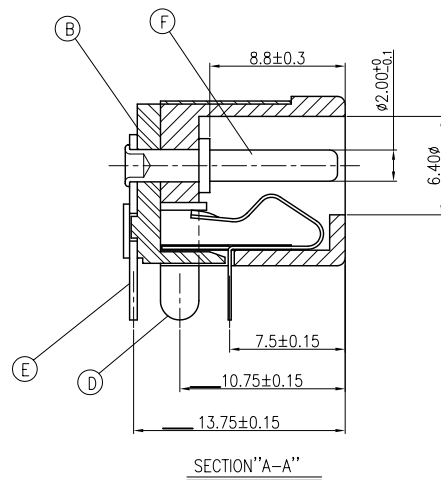
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
C	ECR NO.: C170046 Modify PCB LAYOUT	ZiLiang-Yuan	2017.06.17
D	ECR NO.C201910-P02	Shunzhong	2020.04.01



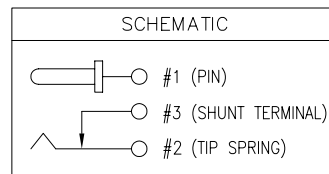
SPECIFICATIONS:

- 1.RATING: DC 20V 4A
- 2.INSERTION FORCE: 0.2KG-2KG
WITHDRAWAL FORCE: 0.2KG-1.5KG
- 3.INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINAL SHALL NOT BE LESS THAN 100 MEGOHMS BY 500V DC.
- 4.JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- 5.CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.(INITIAL)
- 6.JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
- 7.MEASURING CONDITION:
TEMPERATURE: FROM 5°C TO 35°C.
RELATIVE HUMIDITY: FROM 40% TO 85%.
- 8.ENVIRONMENTAL SPECIFICATIONS:
8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C $\pm$ 2°C FOR 96 HOURS.
8.2 HEAT TEST: TEMPERATURE 70°C $\pm$ 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
8.3 COLD TEST: TEMPERATURE -40°C $\pm$ 2°C FOR 96 HOURS.
- 9.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPECIFICATION.
- 10.HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
- 11.HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- 12.FOR REFLOW SOLDERING LEAD-FREE PROCESS.
13. DATE CODE"YYMMDD".

DAY
MONTH
YEAR



RECOMMEND PC BOARD LAYOUT
TOP VIEW (TOLERANCE $\pm$ 0.05)



G	SHIELDING PLATE	1	COPPER ALLOY 0.2T	可焊鍍60u"MIN.
F	PIN	1	COPPER ALLOY	Ni60u"MIN,Cu80u"MIN.
E	TERMINAL	1	COPPER ALLOY 0.5T	Ag20u"MIN,Ni20u"MIN.
D	SHUNT TERMINAL	1	COPPER ALLOY 0.5T	Ag20u"MIN,Ni20u"MIN.
C	TIP SPRING	1	COPPER ALLOY 0.25T	Ag20u"MIN,Ni20u"MIN.
B	COVER	1	PA10T+30%GF(無鹵)	BLACK COLOR
A	BODY	1	PA10T+30%GF(無鹵)	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES			Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS:		ANGLES:	TITLE	
X	: $\pm$ 0.5	X	: $\pm$ 2°	DWN Shunzhong
X.X	: $\pm$ 0.3	X.X	: $\pm$ 1°	CHKD Stone-Zhu
X.XX	: $\pm$ 0.2			APVD Jim-deng
			PART NO. 2DC-S005-D16F	SCALE 1:1 UNIT: mm
			SIZE: A3	SHEET: 10F1
			CUSTOMER COPY	