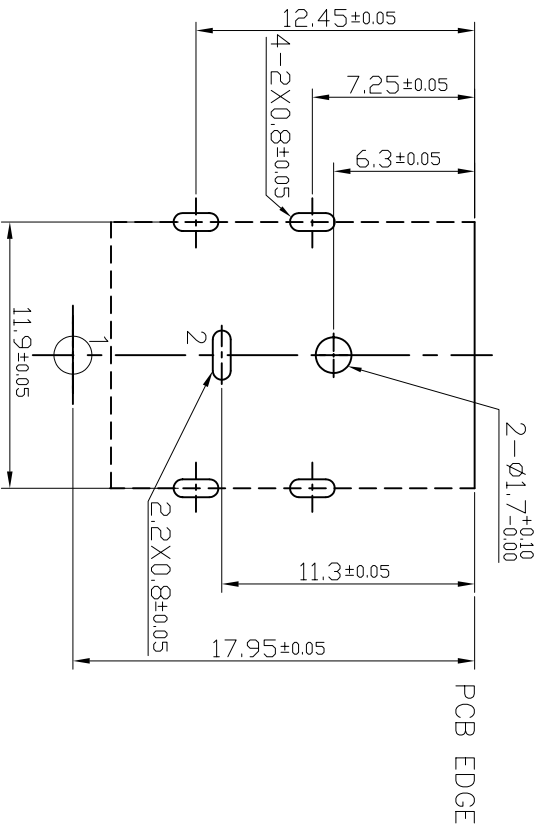
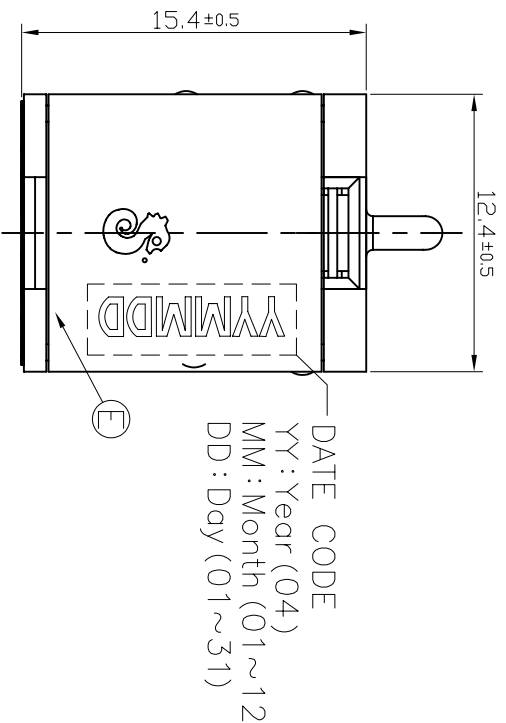
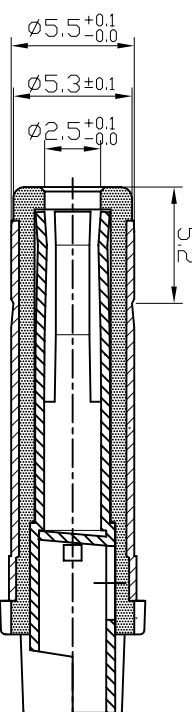
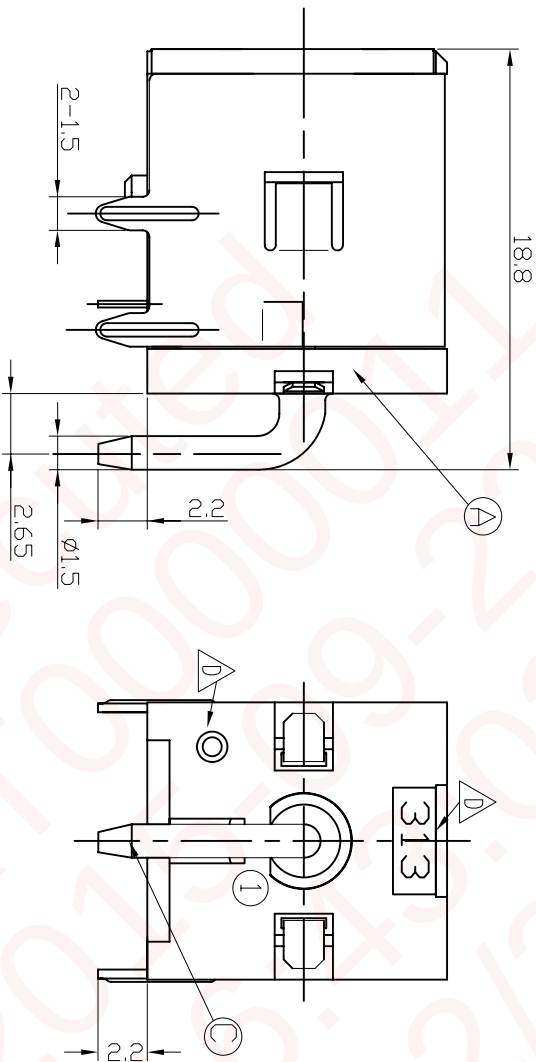
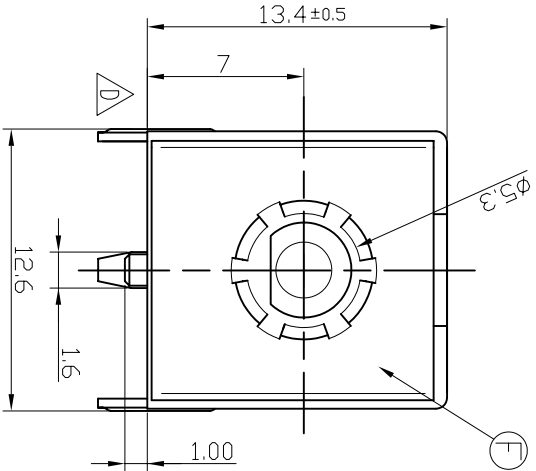
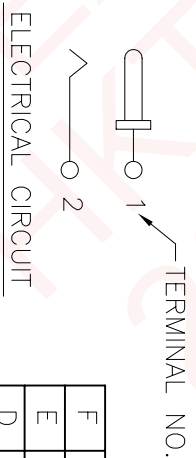
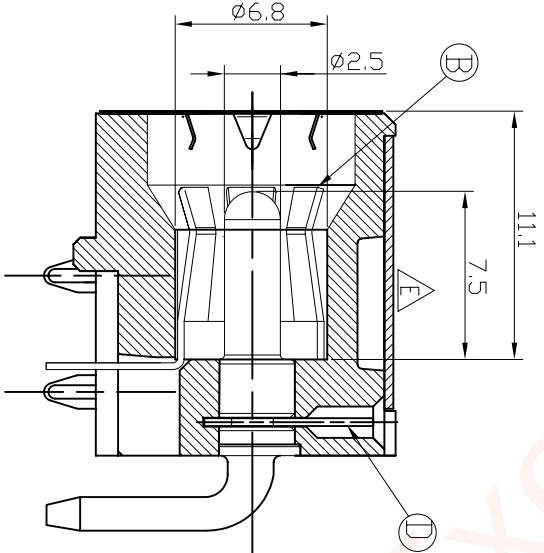
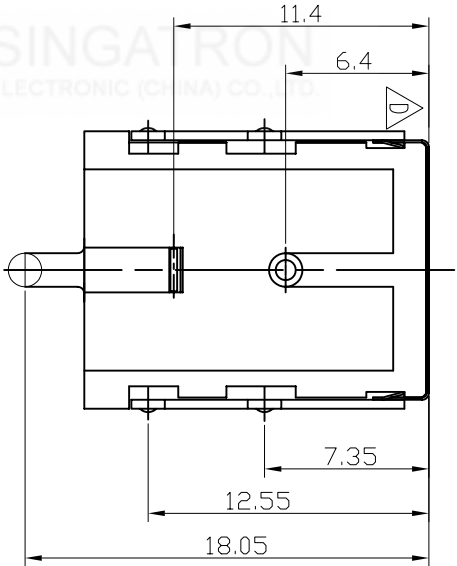




RECOMMENDED P.C.B LAYOUT
SOLDERING SIDE



φ5.5 PULG(2DP-G313-B01)



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
C	ECN:C140130 MODIFY PLATING	CAOCHEN	2014.07.01
D	ECN:C140250 MODIFY DRAWING	CAOCHEN	2014.11.25
E	ECN:C150093 MODIFY DRAWING	CAOCHEN	2015.09.14

SPECIFICATIONS:

- 1.RATING: DC 20V 10A
- 2.INSERTION FORCE: 2.5kg MAX.
- 3.INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
- 4.JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- 5.CONTACT RESISTANCE (INITIAL) SHALL NOT EXCEED 30mΩ
- 6.MEASURING CONDITION:
CONTACT RESISTANCE (AFTER LIFE TEST) SHALL NOT EXCEED 30mΩ
ABOVE MUST USE 2DP-G313-B01 PLUG
- 7.ENVIRONMENTAL SPECIFICATIONS:
7.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ±2°C FOR 96 HOURS.
7.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
7.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
- 8.MATING PLUG : SINGATRON'S P/N : 2DP-G313-B01(PLUG SET)
- 9.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- 10.HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
- 11.HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- 12.PACKING: TAPE & REEL
- 13.FOR REFLOW SOLDERING LEAD-FREE PROCESS.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	GROUNDING	1	STAINLESS STEEL 0.1t	TIN PLATING
E	SHELL	1	SPCC-SD 0.4t	
D	TERMINAL	1	STAINLESS STEEL 0.3t	
C	PIN	1	BRASS BAR	SILVER PLATING
B	TIP	1	COPPER ALLOY 0.3t	TIN PLATING
A	BODY	1	HIGH TEMPTHERMAL PLASTIC UL 94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES	Singatron Enterprise Co., Ltd. 信音企業股份有限公司
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DECIMALS: ANGLES:

X	±0.5	X	±2°
X.X	±0.3	X.X	±1°
X.XX	±0.2		

TITLE	DC POWER JACK
DWN	Qian-Cao 15/9/22
CHKD	Shore-Zhu 15/9/22
APVD	Zif-Zhou 15/9/22

PART NO. 2DC-G313-B05

SCALE 3:1 UNIT: mm

SHEET: 10F1 REV: E

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