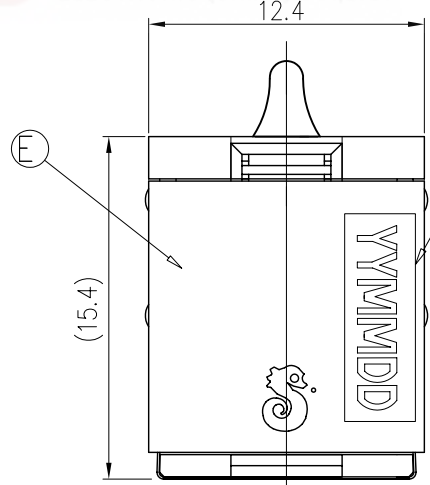
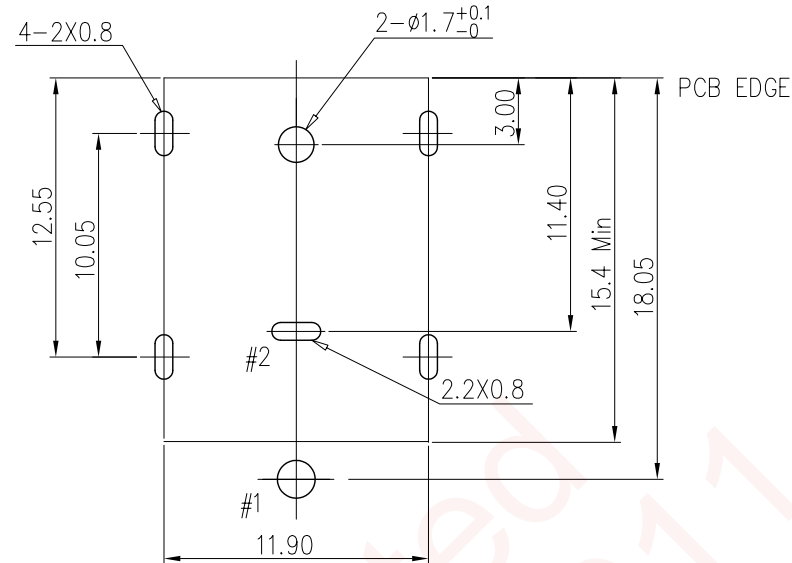


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN:C120217 UPDATE DRAWING	DAOWEN	2012.07.02
C	ECN:C120318 Modify Tolerance	DAOWEN	2013.01.14
D	ECN:C150093 MODIFY DRAWING	CAOCHEN	2015.09.14

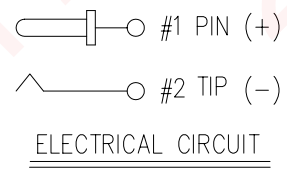
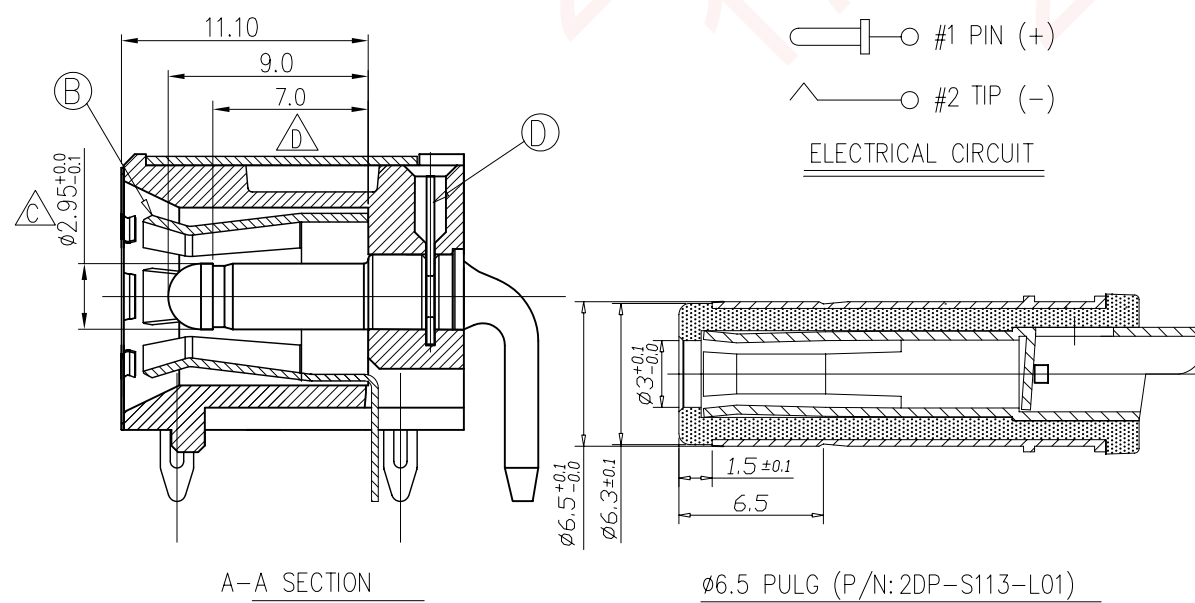
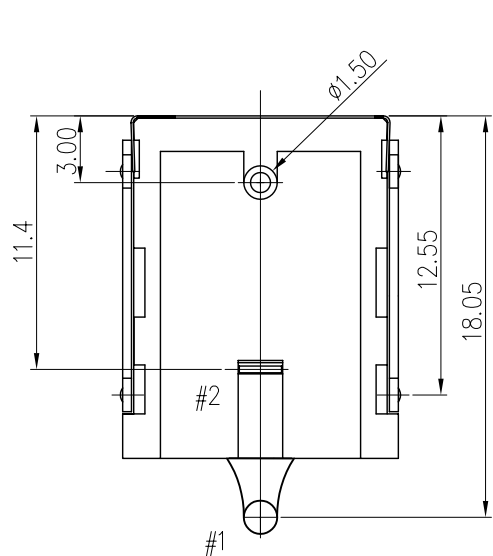
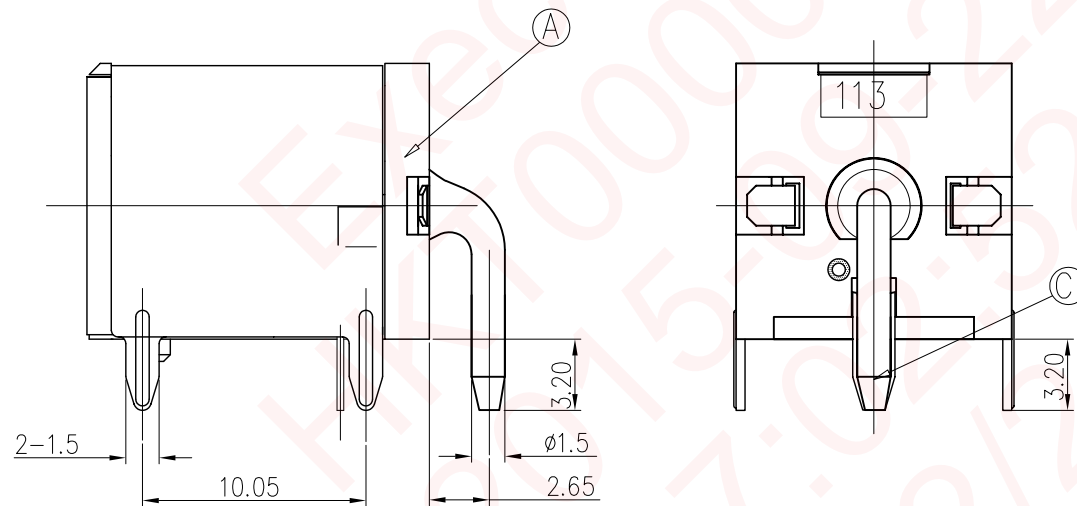
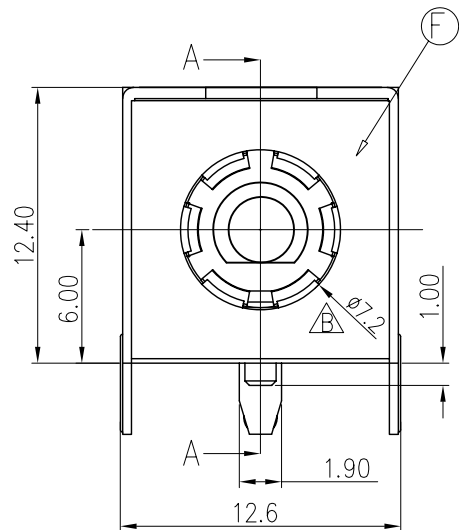


DATE CODE  
YY: Year(03)  
MM: Month(01~12)  
DD: Day(01~31)



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

- SPECIFICATIONS:**
- RATING: DC 20V 10A
  - INSERTION FORCE: 0.5Kg~2.5Kg  
WITHDRAWAL FORCE: 0.5Kg~2.5Kg
  - INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
  - JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
  - CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ
  - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ
  - MEASURING CONDITION:  
TEMPERATURE: FROM 5°C TO 35°C.  
RELATIVE HUMIDITY: FROM 40% TO 85%.
  - ENVIRONMENTAL SPECIFICATIONS:
    - HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ±2°C FOR 96 HOURS.
    - HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
    - COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
  - MATING PLUG : SINGATRON'S P/N : 2DP-S113-L01(PLUG SET)
  - PACKING: TAPE & REEL
  - TO CONFORM TO THE SINGATRON HSF SPECIFICATION.
  - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
  - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
  - SOLDER ABILITY AND MAX. SOLDER TEMPERATURE ACCORDING ICP /JEDEC J-STD-020C.



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	GROUNDING	1	STAINLESS STEEL 0.1t	
E	SHIELDING	1	SPCC-SD 0.4t	Sn BRIGHT 60u"MIN, Ni50u"MIN, Cu60u"MIN
D	TERMINAL	1	STAINLESS STEEL 0.3t	
C	PIN	1	BRASS BAR	GOLD FLASH, Ni50u" MIN
B	SPRING	1	COPPER ALLOY 0.3t	Sn BRIGHT 60u"Min, Ni 60u"Min.
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
DECIMALS:	ANGLES:	TITLE	DC POWER JACK	
X : ±0.5	X : ±2°	DWN	PART NO. 2DC-S113-R08	
X.X : ±0.3	X.X : ±1°	CHKD	SCALE 3:1	UNIT: mm
X.XX : ±0.2		APVD	SIZE: A3	SHEET: 10F1
		REV: D		
CUSTOMER COPY				