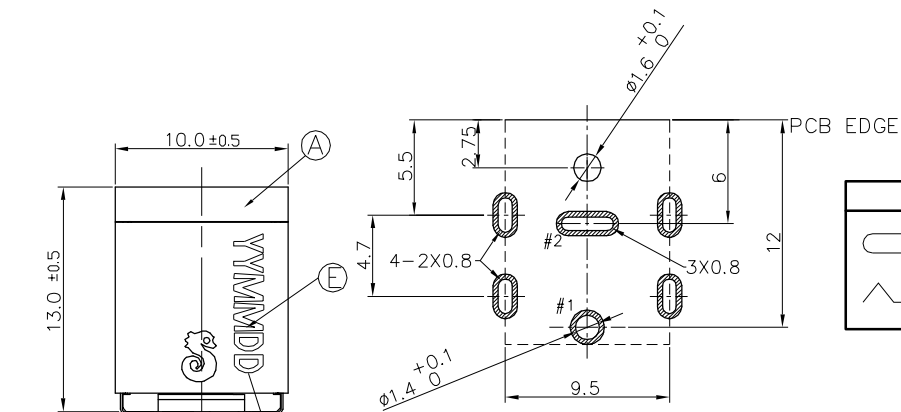
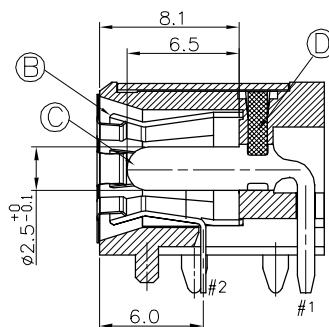
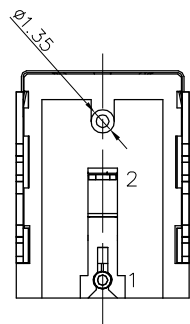
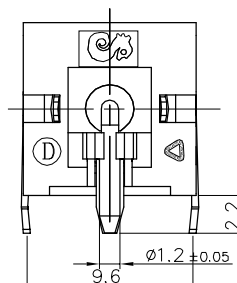
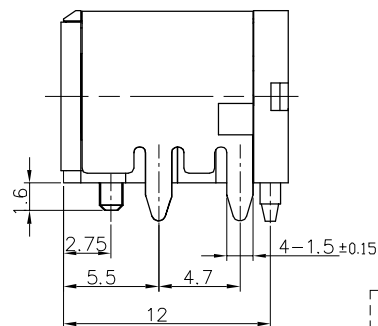
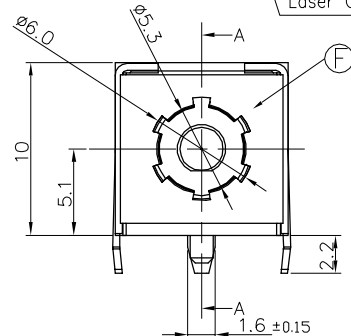


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T191113-1A	Zhijun	2020.04.10

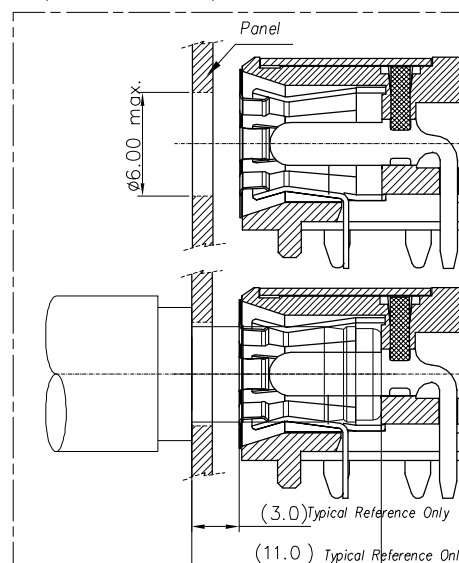


RECOMMEND P.C.B LAYOUT

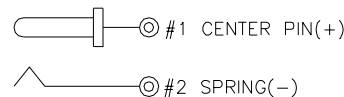
<TOP VIEW> TOLERANCE: ± 0.05



Section A-A



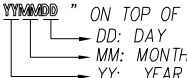
SCHEMATIC



SPECIFICATIONS:

8. ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING: 20V 10A
 - 1-2. CONTACT RESISTANCE: 10mΩ MAX.
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
9. MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE : 3.0 kg Max.
 - 2-2. WITHDRAWAL FORCE : 1.0~3.0kg.(INITIAL); 0.5~3.0kg.(AFTER TEST)
10. LIFE TEST: 8,000 CYCLES MIN.
11. MEASURING CONDITION:

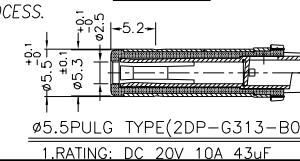
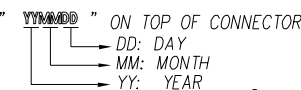
TEMPERATURE: FROM 5°C TO 35°C.
RELATIVE HUMIDITY: FROM 40% TO 85%.
12. ENVIRONMENTAL SPECIFICATIONS:
 - 5.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
 - 5.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
 - 5.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
13. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
14. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.



DD: DAY
MM: MONTH
YY: YEAR
15. GREEN PRODUCT IDENTIFICATION MARK ON JACK: 
16. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:

G.P. PASS

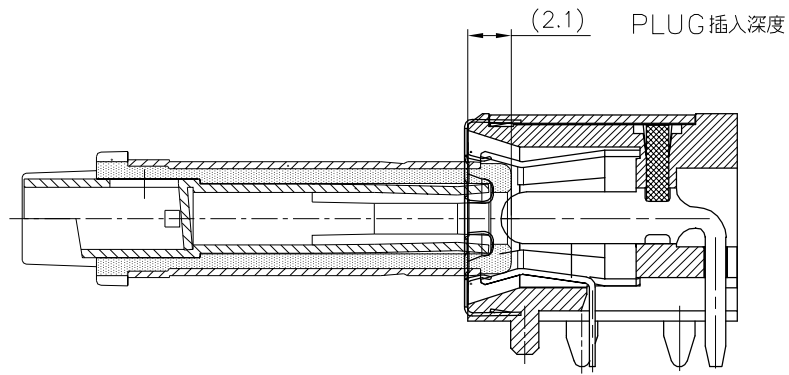
17. FOR REFLOW SOLDERING LEAD-FREE PROCESS.



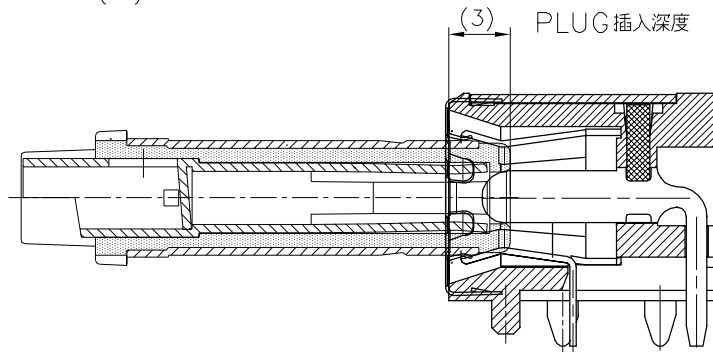
F	GROUND	1	SUS 304 0.15t	N/A		
E	SHELL	1	SPCC-SD 0.4t	Ni 120u" Min OVER Cu 120u" Min		
D	STOPPER	1	PA-9T+30% GF GN2330 UL94V-0	BLACK		
C	PIN	1	HBI59-1.5B	GOLD FLASH 1u" Min.		
B	SPRING-	1	C5210-H 0.3t	Sn 60u"Min,Ni 60u"Min		
A	BODY	1	PA-9T+30% GF GN2330 UL94V-0	BLACK		
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES		 Singatron Enterprise Co., Ltd. 信音企業股份有限公司				
DECIMALS: ANGLES:		TITLE	DC POWER JACK			
X :±0.5	X :±2°	DWN	Zhijun	PART NO. 2DC-G213-B96H		
X.X :±0.3	X.X :±1°	CHKD	Sky	SCALE:4:1	UNIT: mm	
X.XX :±0.2		APVD	Lussen	SIZE: A3	SHEET:1 OF 2	REV:A
CUSTOMER COPY						

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T191113-1A	Zhijun	2020.04.10

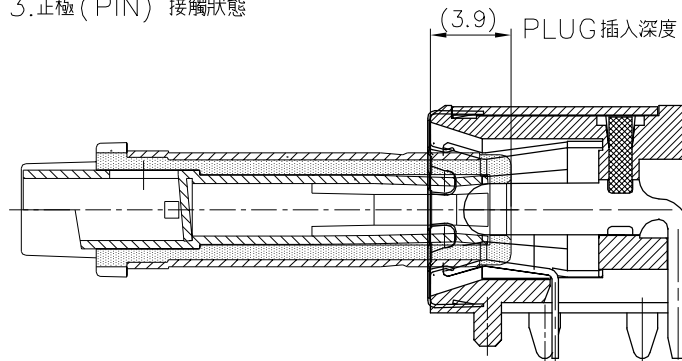
1.GROUND接觸狀態



2.SPRING(-) 接觸狀態

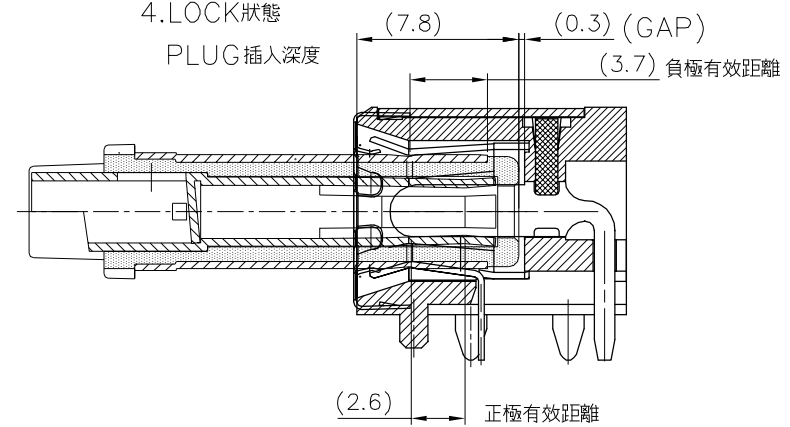


3.正極 (PIN) 接觸狀態

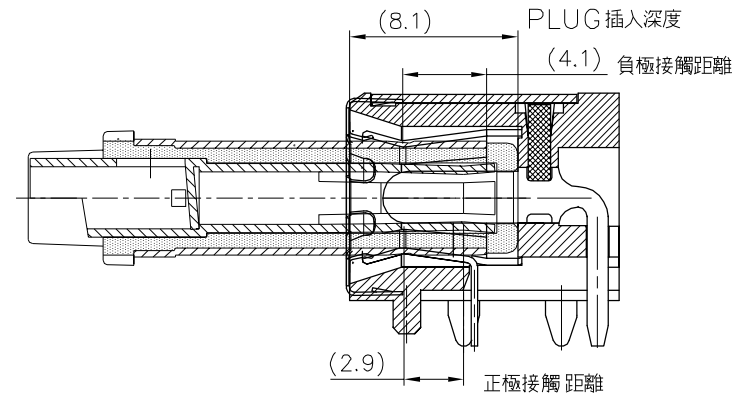


4.LOCK狀態

PLUG 插入深度



5.FULL MATING



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	MATING	
X :±0.5	X :±2°	DWN Zhijun	PART NO. 2DC-G213-B96H	
X.X :±0.3	X.X :±1°	CHKD Sky	SCALE:4:1	UNIT: mm
X.XX :±0.2		APVD Lussen	SIZE: A3	SHEET:2 OF 2
CUSTOMER COPY				