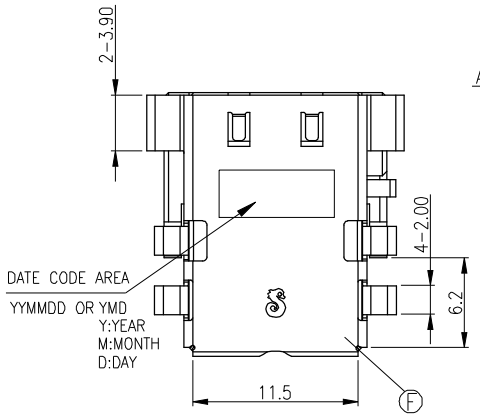
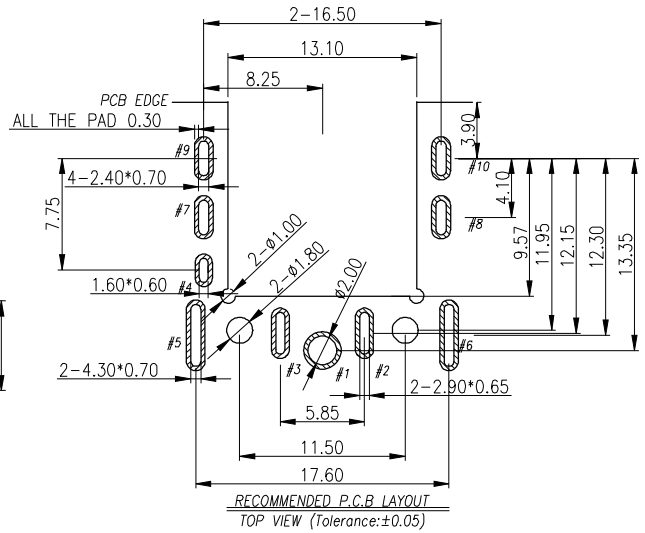
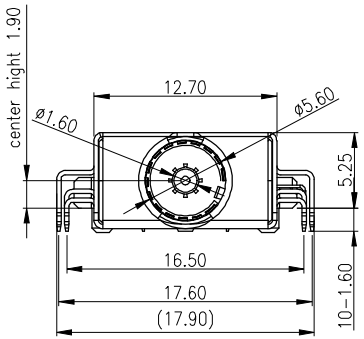
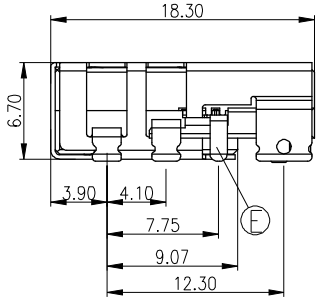
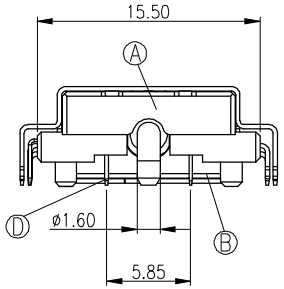
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190701-3A	Springwu	2020.11.25
B	ECN NO: S202207-E07	Springwu	2022.11.21

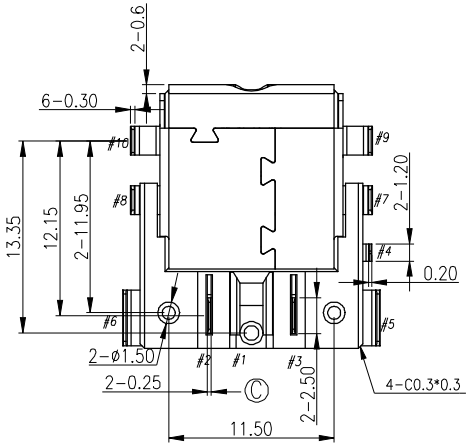


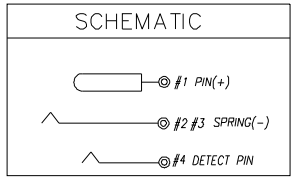








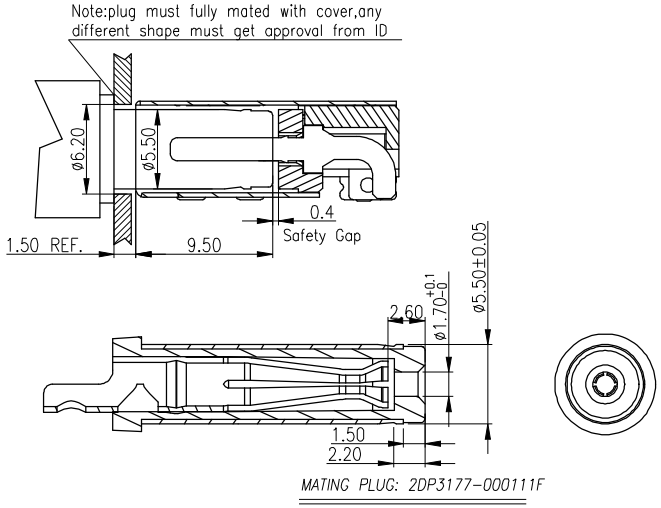




Note: Signal pin (post) function
1.must reserve signal pin wire to mother board connector.
2.Signal pin can provide a sensing signal (ADAPTER PRESENT) to system to make sure jack/plug mating is on correct position to meet jack/plug contact resistance, temperature rise, de-bounce and signal waveform quality requirements.

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1-1. RATING: DC 20V/20A.
   1-2. CONTACT RESISTANCE: 10m Ω MAX.(INITIAL)(ONLY FOR PIN+&SPRING-)
   CONTACT RESISTANCE: 30m Ω MAX.(INITIAL)(ONLY FOR DETECT)
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   1-4. INSULATION RESISTANCE: 100M ΩMIN. MEASURED BY 500 VDC
2. LIFE TEST: 5,000 CYCELS.
3. OTHER GENERAL SPEC. TO REFER "2DC3207-000111F SPEC".
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: ◎
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.



MATING PLUG: 2DP3177-000111F

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHIELDING	1	STAINLESS 0.3T	Ni 60u"Min
E	DETECT PIN	1	OPPER ALLOY 0.2T	
D	SPRING(-)	1	COPPER ALLOY 0.25T	GOLD FLASH ALL OVER Ni 60u" MIN.
C	PIN(+)	1	BRASS	
B	BODY BASE	1	HIGH TEMP.THERMOPLASTIC (HALOGEN FREE)UL 94V-0	BLACK
A	BODY TOP	1		

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

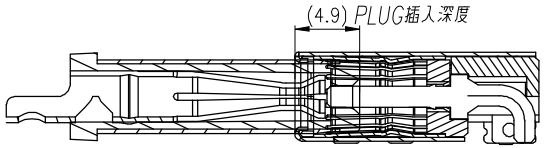
Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	DC POWER JACK		
DWN	Springwu	PART NO. 2DC3207-000111F	
CHKD	Lussen	SCALE 4:1	UNIT: mm
APVD	Liao	SIZE: A3	SHEET:1 OF 2 REV:B

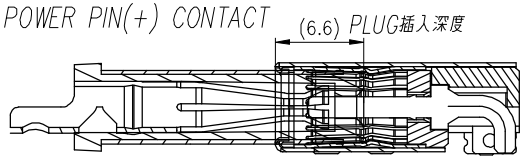
CUSTOMER COPY

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190701-3A	Springwu	2020.11.25
B	ECN NO: S202207-E07	Springwu	2022.11.21

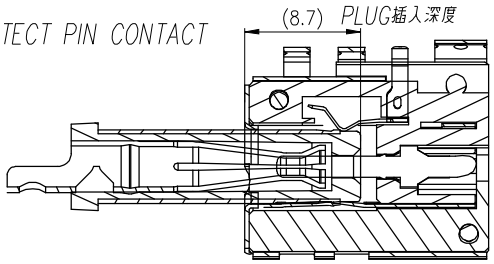
1.NEGATIVE CONTACT



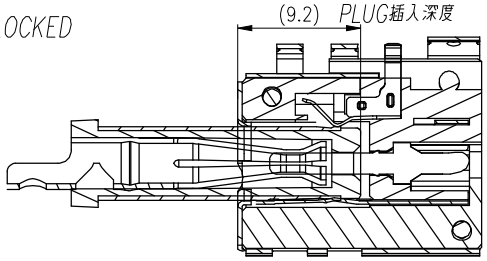
2.POWER PIN(+) CONTACT



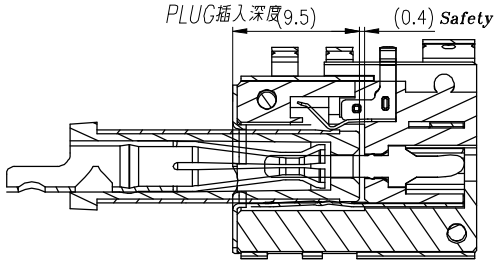
3.DETECT PIN CONTACT



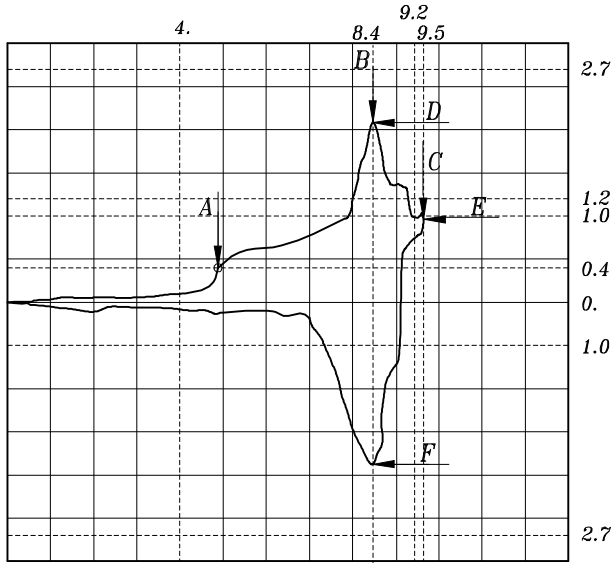
4.LOCKED



5.FULL MATING



APPENDED FIGURE 1.



A: *插入最明顯手感力量起始點位置 (mm)*
→力量爬升至 0.4kg時,位置必須在 4.0mm之後
(Plug插入至 4.0mm之前力量不可超過 0.4kg)

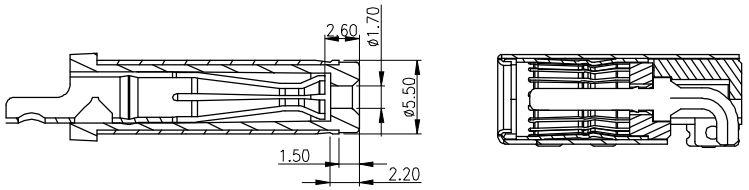
B: *插入力最大波峰值位置 (mm)*
→8.4mm

C: *插入 LOCK力量下降波谷位置 (mm)*
→9.2mm

D: *插入力最大波峰值 (kg)*
→ Initial 1.0~2.7kg, after life test 1.0~2.7kg

E: *插入 LOCK力量下降波谷值 (kg)*
→ (D值-E值) > 0.5kg

F: *拔出力範圍 (kg)*
→(Initial/after life test)0.8 Min.



MATING PLUG: 2DP3177-000111F

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2	ANGLES: X :±2° X.X :±1°	TITLE	MATING DRAWING	
		DWN	Springwu	PART NO. 2DC3207-000111F
		CHKD	Lussen	SCALE 4:1 UNIT: mm
		APVD	Liao	SIZE: A3 SHEET:2 OF 2 REV:B
		CUSTOMER COPY		

文件編號D-06-043-A