

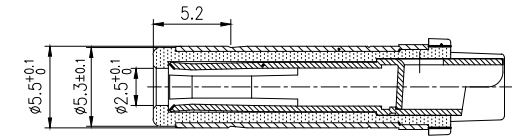
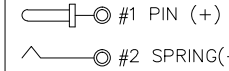
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.: T220622-4A	JIE-FU	2022.11.16

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING: 20V 10A
 - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
- MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE : 3.0 kgf
 - 2-2. WITHDRAWAL FORCE : 0.5~3.0 kgf
- TEMPERATURE RISE CAN'T EXCEE 30°C
- LIFE TEST: 5,000 CYCLES MIN.
- OTHER SPEC. REFER TO "2DC-G313-B13F"
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: 
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: 
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.

DD: DAY
 MM: MONTH
 YY: YEAR

SCHEMATIC



MATING PULG
 TOLERANCE: X.XX: ±0.10

F	GROUNDING	1	SUS 304 0.1T	N/A
E	SHELL	1	SUS 430 0.4t	可與Ni60 u"over Cu80u" MIN
D	TERMINAL	1	SUS 301 0.3T	N/A
C	PIN	1	BRASS BAR	GOLD FLASH Over Ni50u"Min
B	TIP	1	CS210-H 0.3T	Sn 60u"Min Over Ni50u"Min.
A	BODY	1	PA10T+30%GF UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED 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	JIE-FU	PART NO.	2DC-G313-B13F
CHKD	LUSSEN	SCALE 1:1	UNIT: mm
APVD	LIAO	SIZE: A3	SHEET:1 OF 2
REV: A			

CUSTOMER COPY

1

2

3

4

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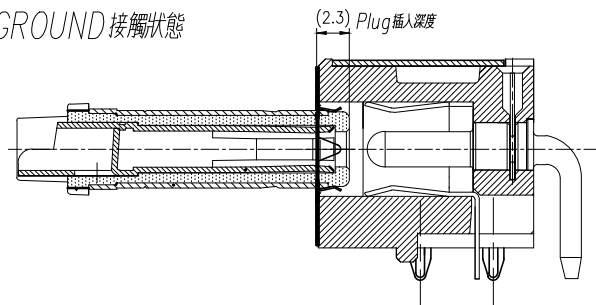
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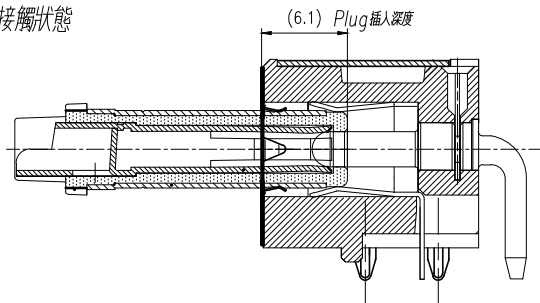
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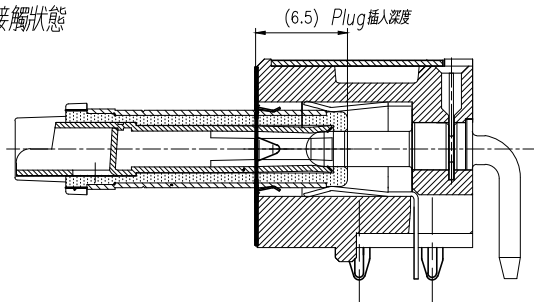
1. GROUND接觸狀態



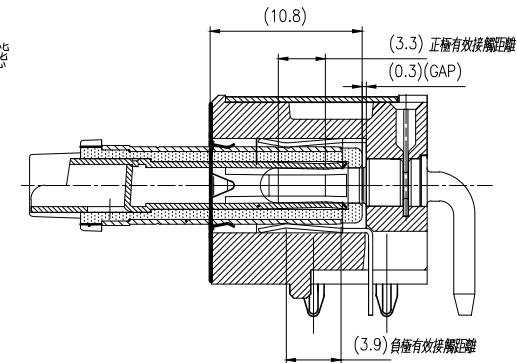
2. 正極接觸狀態



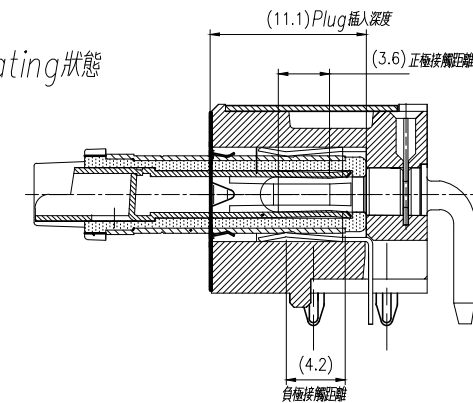
3. 負極接觸狀態



4. Lock狀態



5. Full Mating狀態



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_MATING DRAWING	
X :±0.5	X :±2°	DWN	JIE-FU	PART NO. 2DC-G313-B13F
X.X :±0.3	X.X :±1°	CHKD	LUSSEN	SCALE 1:1 UNIT: mm
X.XX :±0.2		APVD	LIAO	SIZE: A3 SHEET: 20F2 REV: A
CUSTOMER COPY				