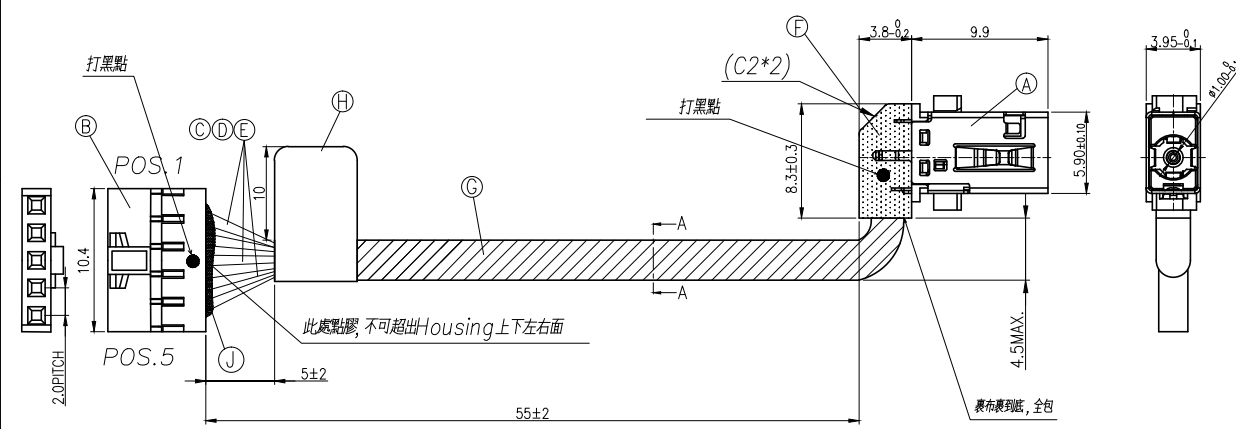
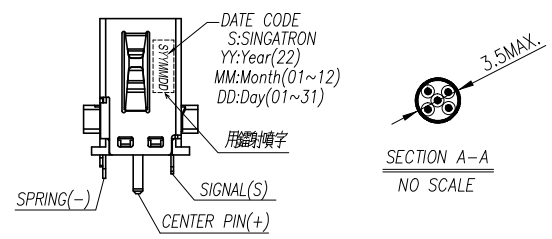


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T230516-3A	JIE-FU	2023.08.15



	DC POWER JACK	HOUSING	WIRE	CABLE ASSY.
VOLTAGE RATING	20V	36V	30V	20V
CURRENT RATING	5A	3.0A Per Pin	3.74A (Single #26AWG)	4.5A
OPERATION TEMPERATURE RANGE(°C)	-10°C ~+80°C	-25°C ~+80°C	105°C	-10°C ~+80°C

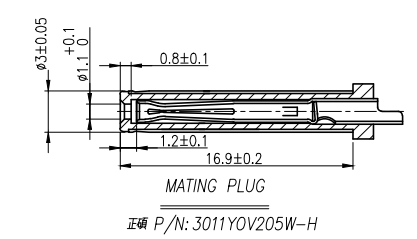
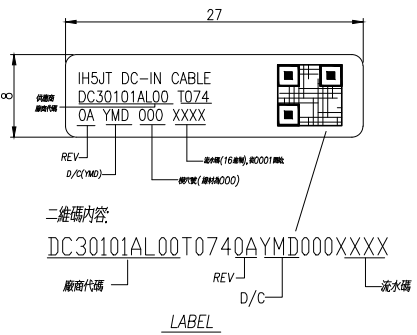
	CONTACT RESISTANCE SPECIFICATION	
	INITIAL VALUE	AFTER LIFE TEST
DC-IN JACK	(+)PIN_TOTAL <20mΩ (-)PIN_TOTAL <20mΩ (S)PIN_TOTAL <20mΩ	(+)PIN_TOTAL <50mΩ (-)PIN_TOTAL <50mΩ (S)PIN_TOTAL <50mΩ
HOUSING	(+)PIN_PER PIN <10 mΩ (-)PIN_PER PIN <10 mΩ (S)PIN_PER PIN <10 mΩ	(+)PIN_PER PIN <35 mΩ (-)PIN_PER PIN <35 mΩ (S)PIN_PER PIN <35 mΩ
CABLE	35mΩ MAX.	95 mΩ MAX.



WIRE DIAGRAM		
CONNECTOR(A)	WIRE COLOR	CONNECTOR
CENTER PIN(+)	RED	POS.(4&5)
SPRING(-)	BLACK	POS.(2&3)
SIGNAL(S)	WHITE	POS.(1)

(+)R=[(150)ohm/KM*(71)mm/1000000]/(2)Parallel=5.325mohm.
 (-)R=[(150)ohm/KM*(71)mm/1000000]/(2)Parallel=5.325mohm.
 (S)R=(150)ohm/KM*(71)mm/1000000=10.65mohm.

- SPECIFICATIONS:**
- DC POEWR JACK ADD WIRE AND WIRE TO BOARD CONNECTOR
 - 1-1.RATING: 20V/4.5A.
 - 1-2.TEMPERATURE RISE : THE TEMPERATURE RISE SHALL NOT EXCEED 30°C.
 - 1-3.VOLTAGE DROP : THE VOLTAGE DROP SHALL NOT EXCEED 60mV.
 - DC POEWR JACK- p/n: 2DC3127-003111F
 - 2-1.RATING: 20V/5A.
 - 2-2.CONTACT RESISTANCE:20mΩ MAX.(INITIAL) /30mΩ MAX.(AFTER LIFE TEST).
 - 2-3.DIELECTRIC WITHSTANDING VOLTAGE:500V AC FOR ONE MINUTE.
 - 2-4.INSULATION RESISTANCE:100MΩ MIN. MEASURED BY 500V DC.
 - 2-5.INSERTION FORCE: PLEASE REFER TO 2DC3127-003111F.
 - 2-6.WITHDRAWAL FORCE: PLEASE REFER TO 2DC3127-003111F.
 - 2-7.LIFE TEST:5000 CYCLES MIN.
 - WIRE TO BOARD CONNECTOR - VENDER : ACES , p/n: 50303.
 - 3-1.RATING CURRENT : 3A /PER PIN (AWG 26)
 - OTHER GENERAL SPEC. TO REFER "2DW3127-045111F SPEC".
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
 - HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
 - PRINTED DATE CODE" YMMDD " ON TOP OF CONNECTOR.
DATE CODE: YMMDD (YY:YEAR MM:MONTH DD:DAY)



J	UV膠	0.5g	匯建電子8860	WHITE
H	LABEL	1	L27*W8	WHITE
G	ACETATE CLOTH TAPE	1	W10*T0.12	BLACK
F	MACROMELT	/	MACROMELT 6208	AMBER
E	WIRE	1	UL10064 26AWG 105°C 30V VW-1	WHITE
D	WIRE	2	UL10064 26AWG 105°C 30V VW-1	BLACK
C	WIRE	2	UL10064 26AWG 105°C 30V VW-1	RED
B	CONNECTOR: ACES 88301-W-□ ACES 50303-005HQH0001	5 1	PHOSPHOR BRONZE T:0.20±0.01 NYLON66 UL94V-0	1~3u" GOLD FLASH+> 50u" NICKEL WHITE
A	DC POWER JACK	1	P/N:2DC3127-003111F	BLUE(298C)
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		
X : ±0.5	X : ±2°	DWN	JIE-FU	DC POWER JACK WITH WIRE
X.X : ±0.3	X.X : ±1°	CHKD	LUSSEN	PART NO.2DW3127-045111F
X.XX : ±0.2		APVD	LIAO	SCALE:-- UNIT: mm
				SIZE: A3 SHEET:1 OF 1
				REV:A
				CUSTOMER COPY