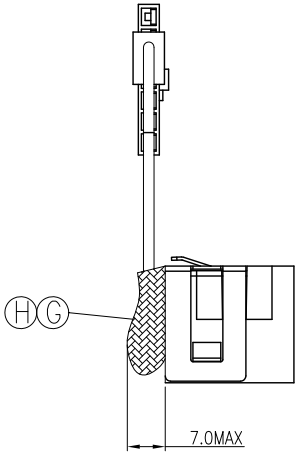
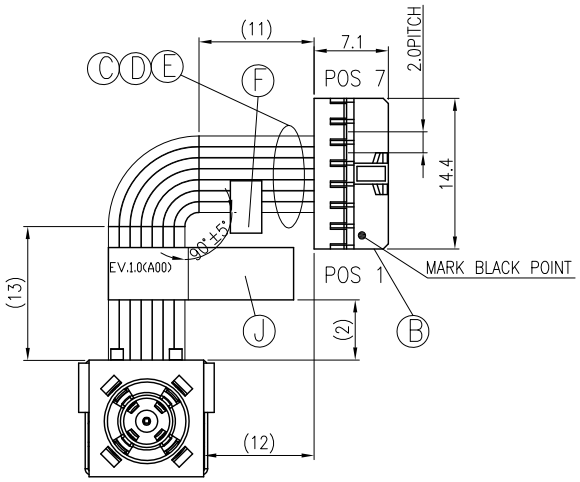
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T120910-4A	Eileen	2013.05.24





SPECIFICATIONS:

1.ELECTRICAL CHARACTERISTICS:
- 1-1.RATING:20V 9A
- 1-2.CONTACT RESISTANCE:30mΩ MAX.(ONLY FOR DC JACK)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE:500V AC FOR ONE MINUTE.
- 1-4.INSULATION RESISTANCE:100MΩ MIN. MEASURED BY 500V DC.

2.MECHANICAL CHARACTERISTICS:
- 2-1.INSERTION FORCE:3.0Kgf MAX.
- 2-2.WITHDRAWAL FORCE:0.4Kgf MIN.

3.LIFE TEST:5000 CYCLES Min.

4.OTHER GENERAL SPEC. TO REFER "2DW2018-014111F SPEC".

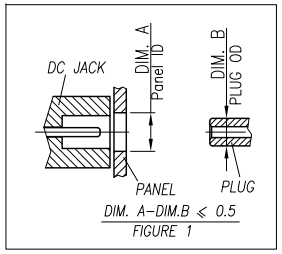
5.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

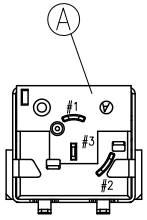
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:

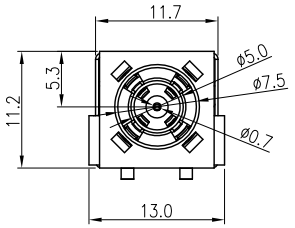
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:

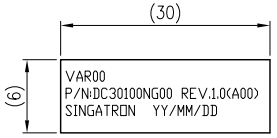
8.THE PANEL'S ID MUST BE GREATER THAN THE PLUG'S OD WHICH MUST HAVE A DIFFERENCE OF LESS THAN OR EQUAL TO 0.5 mm.(AS SHOWN IN FIGURE 1.)

	DC JACK	HOUSING	CABLE
RATING VOLTAGE (V)	20V	100V	300V
RATING CURRENT (A)	10A	3A	4.46A
WITHSTANDING VOLTAGE (V/MIN)	500	800	2000
OPERATION TEMPERTURE(℃)	-10 ~ 85		
插入力 (KG)	3.0 MAX.		
拔出力 (KG)	0.4 MIN.		

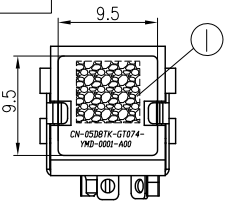


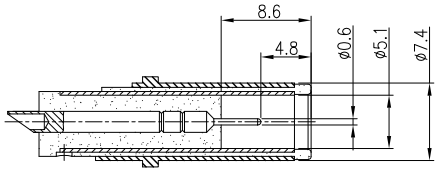






LABEL





MATING PLUG: (TOLERANCE:±0.05)

CONNECTOR WIRE COLOR DC POWER JACK

- POS 7 — GRAY(UL10368 28AWG) — #3 SIGNAL (S)
- POS 6 — BLACK(UL10368 26AWG)
- POS 5 — BLACK(UL10368 26AWG) — #2 SPRING (-)
- POS 4 — BLACK(UL10368 26AWG)
- SHELL (GND)
- POS 3 — RED(UL10368 26AWG)
- POS 2 — RED(UL10368 26AWG) — #1 SPRING (+)
- POS 1 — RED(UL10368 26AWG)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	LABEL	1	L30*W6	WHITE
I	PPID LABEL	1	9.5*9.5 (TYPE W)	WHITE
H	HEAT SHRINK TUBE	1	POLYOLEFIN ø2.0*L8(125°,300V)	BLACK
G	HEAT SHRINK TUBE	2	POLYOLEFIN ø3.5*L8(125°,300V)	BLACK
F	CORE(SINCORES)	1	Model:NimoZn-600 Size:5*3*3 Manafacture: SINCORES ELECTRCNICS(O.G.)CORP	BLACK
E	WIRE	1	UL10368 28AWG	GRAY
D	WIRE	3	UL10368 26AWG	BLACK
C	WIRE	3	UL10368 26AWG	RED
B	CONNECTOR	7	TER: COPPER ALLOY	GOLD-FLASH
		1	HSG:THERMOPLASTIC UL94V-0	WHITE
A	DC JACK	1	SINGATRON DC JACK P/N:2DC2018-003111F	

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

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

TITLE	DC JACK WITH WIRE			
DWN	Eileen	PART NO.2DW2018-014111F		
CHKD	Sky	SCALE:--	UNIT: mm	
APVD	Lussen	SIZE: A3	SHEET:1 OF 1	REV:A

CUSTOMER COPY

文件編號:RD-06-043-A