

WIRE DIAGRAM		
DC JACK	WIRE COLOR	CONNECTOR
SINGAL	BLUE	POS.(1)
SPRING(-)	BLACK	POS.(2,3)
CENTER PIN(+)	RED	POS.(4,5)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1 RATING: 20V 7A
- 1-2 CONTACT RESISTANCE: 30mΩ MAX. (INITIAL) (ONLY FOR DC JACK)
- 1-3 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
- 1-4 INSULATION RESISTANCE: 100M MIN. MEASURED BY 500V DC.

2. MECHANICAL CHARACTERISTICS:

- 2-1 INSERTION FORCE (BEFORE) : 3.0 KG MAX.
- 2-2 WITHDRAWAL FORCE (AFTER) : 0.35KG Min.
- 3 LIFE TEST: 5000 CYCLES MIN.
- 4 OTHER GENERAL SPEC. TO REFER "2DC2018-002111F 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.)

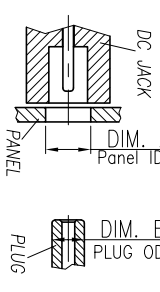


FIGURE 1

L	ACETATE CLOTH	1	W10*10.12mm	BLACK
K	LABEL	1	20*10mm	WHITE
J	PPID LABEL	1	9.5*9.5mm	WHITE
I	ACETATE CLOTH	1	W5*10.12mm	BLACK
H	ACETATE CLOTH	2	W15*10.12mm	BLACK
G	EMI CORE	1	Model: NIM62n-600 Size: 6.5*3.5*9.0 Manu: Sincores Electronics(D.G.) Corp.	BLACK
F	HEAT SHRINK TUBE	3	FOLYULENEN Ø3(1.25, 300V)	BLACK
E	WIRE	1	UL10368 26AWG	BLUE
D	WIRE	2	UL10368 24AWG	BLACK
C	WIRE	2	UL10368 24AWG	RED
B	CONNECTOR	5	TER: COPPER ALLOY	TIN PLATED
A	DC POWER JACK	1	HSG: THERMOPLASTIC UL94V-0	WHITE
NO	DESCRIPTION	1	TO SEE SINGATRON DC JACK P/N: 2DC3105-000111F	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.
信登企業股份有限公司

TITLE: DC POWER JACK+WIRE

ANDY PART NO. 2DW2018-016111F

CHKD CERRY SCALE: -- UNIT: mm

APVD MAX SIZE: A3 SHEET: 1 OF 1 REV: B

CUSTOMER COPY

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T130114-2A		SUMMER	2013.07.08
B	ECN NO: S130705		ANDY	2013.12.18