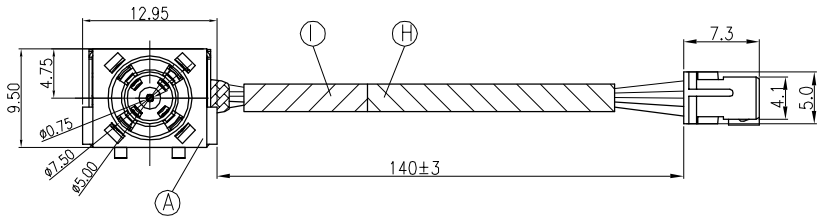
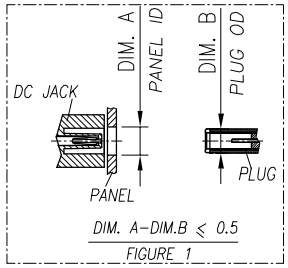
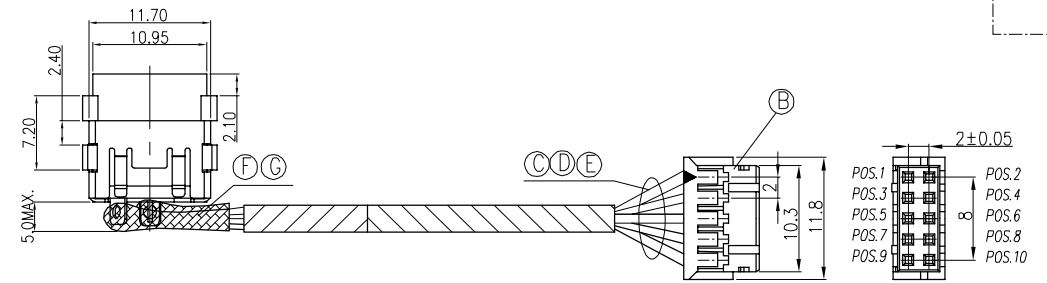
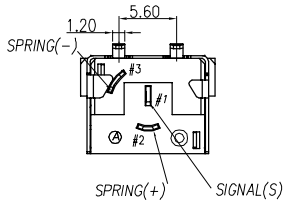
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO. T151022-1A	Jun	2016.08.29



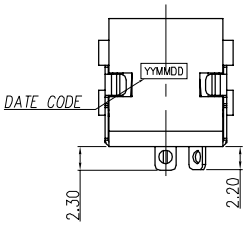


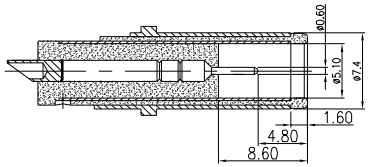




WIRE DIAGRAM

WIRE TO BOARD CONNECTOR	WIRE	DC POWER JACK
POS 1	RED UL10064 26AWG	#2 SPRING (+)
POS 2	RED UL10064 26AWG	
POS 3	RED UL10064 26AWG	
POS 4	RED UL10064 26AWG	
POS 5		N/A
POS 6	WHITE UL10064 28AWG	#1 SIGNAL(S)
POS 7	BLACK UL10064 26AWG	#3 SPRING (-)
POS 8	BLACK UL10064 26AWG	
POS 9	BLACK UL10064 26AWG	SHELL (GND)
POS10	BLACK UL10064 26AWG	





MATING PLUG: OD ø7.4 ; ID ø0.6

Tolerance: ±0.05

SPECIFICATIONS:

1. DC POWER JACK ADD WIRE TO BOARD CONNECTOR
   1-1.RATING: 20V 10A
   1-2.TEMPERATURE RISE : THE TEMPERATURE RISE SHALL NOT EXCEED 30°C
   1-3.VOLTAGE DROP : THE VOLTAGE DROP SHALL NOT EXCEED 60mV.
   1-4.INSERTION FORCE:0.7~2.0 KGF(INITIAL) 0.5~2.0KGF(AFTER LIFE TEST)
   1-5.WITHDRAWAL FORCE:0.5~2.0 KGF(INITIAL / AFTER LIFE TEST)
2. DC POEWR JACK- p/n: 2DC2018-006111F
   2-1.RATING: 20V 13A
   2-2.CONTACT RESISTANCE:30mΩ MAX.(INITIAL / 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.LIFE TEST:15000 CYCLES MIN.
3. WIRE TO BOARD CONNECTOR - VENDER : TYU , p/n: TU2005 SERIES
   3-1.RATING CURRENT : 3A /PER PIN (AWG 26 OR MORE)
4. OTHER GENERAL SPEC. TO REFER "2DW2018-037111F SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: ◎
7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
8. PRINTED DATE CODE" YYMMDD " ON TOP OF CONNECTOR.
   DATE CODE: YYMMDD (YY:YEAR MM:MONTH DD:DAY)

ITEM	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	ACETATE CLOTH TAPE	1	W15*T0.12	BLACK
H	ACETATE CLOTH TAPE	1	W10*T0.12	BLACK
G	HEAT SHRINK TUBE	2	ø3.5(125°,300V)	BLACK
F	HEAT SHRINK TUBE	1	ø2.0(125°,300V)	BLACK
E	WIRE	4	UL10064 26AWG	BLACK
D	WIRE	1	UL10064 28AWG	WHITE
C	WIRE	4	UL10064 26AWG	RED
B	WIRE TO BOARD CONN. (TU2005)	9	PHOSPHOR BRONZE	WHITE
		1	NYLON66 UL94V-0	WHITE
A	DC POWER JACK	1	TO SEE SINGATRON DC JACK P/N:2DC2018-006111F	

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 CABLE		
DWN	Jun	PART NO.2DW2018-037111F	
CHKD		SCALE:--	UNIT: mm
APVD		SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號:RD-06-043-A