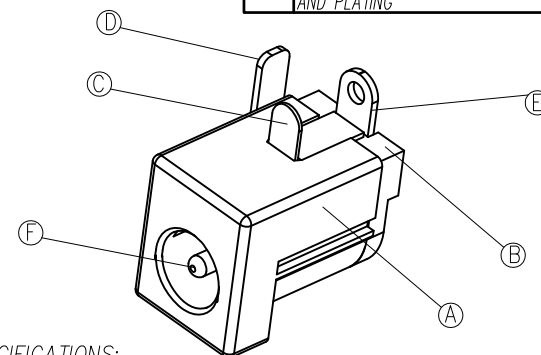
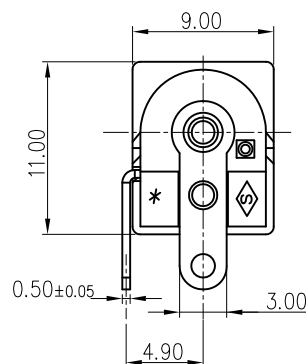
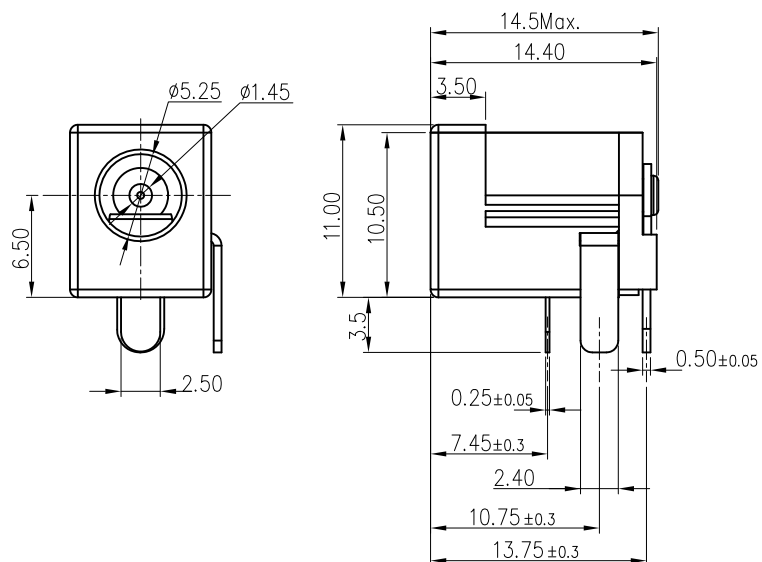


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN NO.:C130272 UPDATE LAYOUT	ZLS	2014.03.28
C	ECN NO.:C140110 UPDATE MATERIAL AND PLATING	CAOCHEN	2014.06.09



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

1-1. RATING: DC 20V, 3A.

1-2. CONTACT RESISTANCE:

30 MILLIOHMS Max. FOR INITIAL,
50 MILLIOHMS Max. AFTER 5000 CYCLES.

1-3. INSULATION RESISTANCE: 100 MEGAOHMS Min.
BY 500V DC AFTER 1 MINUTE.

1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V RMS AFTER 1 MINUTE.

2. MECHANICAL CHARACTERISTICS:

2-1. INSERTION FORCE : 0.2~2.5 KGF

2-2. WITHDRAWAL FORCE : 0.2~3.0 KGF

3. LIFE TEST: 5,000 CYCLES MIN.

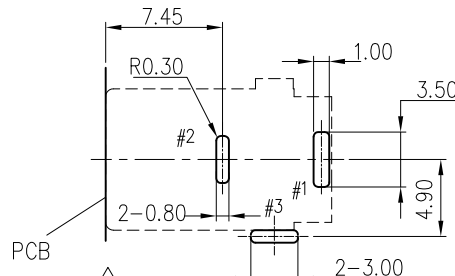
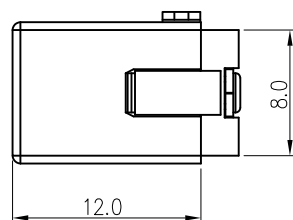
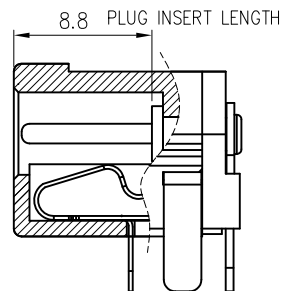
4. OTHER GENERAL SPEC. TO REFER "2DC-0005G300F SPEC".

5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:

7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:

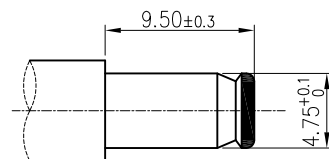
8. FOR WAVE SOLDERING LEAD-FREE PROCESS.



RECOMMENDED PCB LAYOUT
(TOP VIEW)(TOL.:±0.05)



ELECTRICAL CIRCUIT



MATE PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	PIN	1	BRASS	Ni PLATING OVER Cu PLATING
E	TERMINAL	1	C2680-H 0.5T	Ag PLATING OVER Ni PLATING
D	SHUNT TERMINAL	1	C2680-H 0.5T	Ag PLATING OVER Ni PLATING
C	TIP SPRING	1	C5191-EH 0.25T	Ag PLATING OVER Ni PLATING
B	COVER	1	PA10T+30%GF 無鹵	BLACK COLOR
A	BODY	1	PA10T+30%GF 無鹵	BLACK COLOR

UNLESS OTHERWISE
SPECIFIED TOLERANCES



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

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

TITLE	DC POWER JACK		
DWN	Cap Chen 14/6/11	PART NO. 2DC-0005G300F	
CHKD	ZJE 14/6/11	SCALE :1	UNIT: mm
APVD	Liao 14/6/11	SIZE: A3	SHEET:1 OF 1
CUSTOMER COPY			