

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T140616-1A	Springwu	2014.9.16
B	ECN NO.S150941-E	YUREN	2015.12.11

SPECIFICATIONS:

1.ELECTRICAL CHARACTERISTICS:

- 1-1.CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
- 1-2.DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR ONE MINUTE.
- 1-3.INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500V DC.

2.MECHANICAL CHARACTERISTICS:

- 2-1.INSERTION FORCE: 3.5Kgf Max.
- 2-2.WITHDRAWAL FORCE: 0.5Kgf~3.5Kgf.

3.LIFE TEST: 5000 CYCLES MIN.

4.OTHER GENERAL SPEC. TO REFER "2DC-G213 SERIES 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:

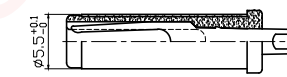
8.FOR REFLOW SOLDERING LEAD-FREE PROCESS.

9.PACKAGING: TAPE & REEL

10.PRINTED DATE CODE" **YYMMDD**" ON TOP OF CONNECTOR.

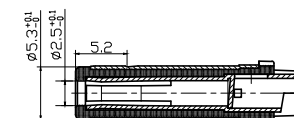
DD: DAY
MM: MONTH
YY: YEAR

- 11.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.)



Ø5.5PLUG STANDARD TYPE

2.RATING: DC 20V 7A



Ø5.5PULG TYPE(2DP-G313-B01)

1.RATING: DC 20V 10A

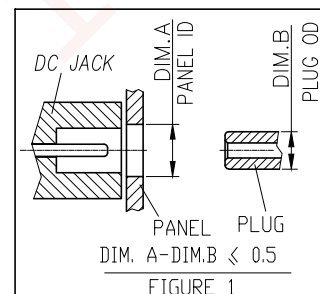
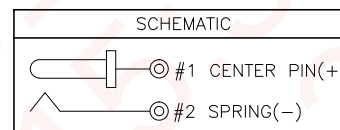
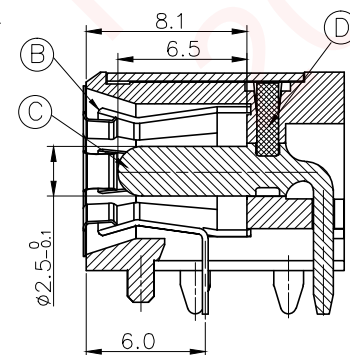
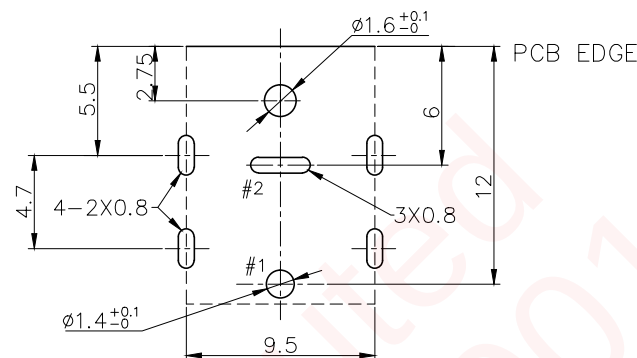
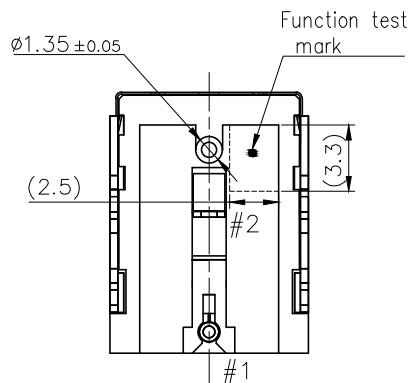
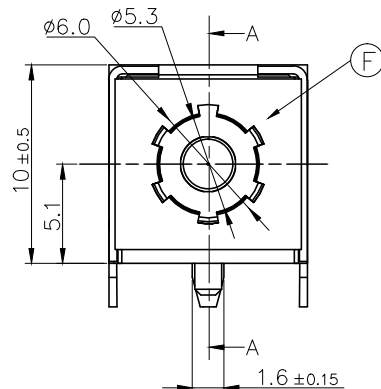


FIGURE 1



Section A-A



RECOMMEND P.C.B LAYOUT
TOP VIEW(TOLERANCE ±0.05)

F	GROUND	1	STAINLESS 0.15T	N/A
E	SHELL	1	SPCC 0.4T	Ni 60u" Min OVER Cu 80u" MIN.
D	STOPPER	1	PA10T UL94V-0	NATURE
C	PIN	1	BRASS	Ag 20u" Min.
B	SPRING	1	PHOSPHOR BRONZE 0.3T	Tin 60u" Min OVER Ni 60u"Min.
A	BODY	1	PA10T UL94V-0	BLACK
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 DC POWER JACK		
X :±0.5	X :±2°	DWN YUREN	PART NO.2DC-G213-B76F	
X.X :±0.3	X.X :±1°	CHKD CERRY	SCALE:4:1	UNIT: mm
X.XX :±0.2		APVD LIAO	SIZE: A3	SHEET:1 OF 1
		CUSTOMER COPY		
				