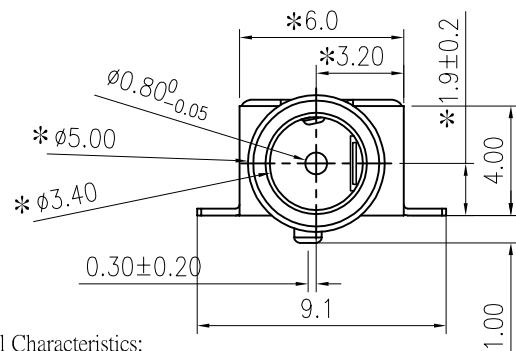
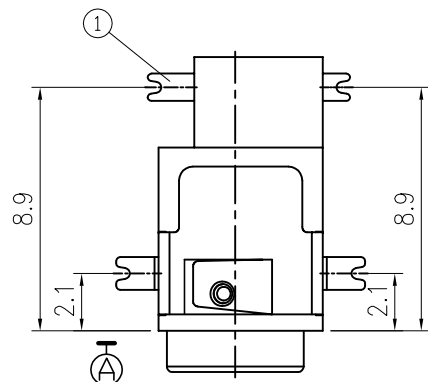


*: INDICATES THE KEY DIMENSIONS 【*為重點尺寸】



Notes:

1. Electrical Characteristics:

- 1-1. Rating : DC 12 V 1 A ;
- 1-2. Contact Resistance: 30mΩ Max.(Initial),
Between plug and contact 100mΩ Max;
(Final) After Life test: ≤60mΩ ;
- 1-3. Dielectric Withstanding Voltage: 500V AC for One Minute ;
- 1-4. Insulation Resistance: 100MΩ Min. Measured By 500 VDC;

2. Mechanical Characteristics:

- 2-1. Plug Insertion Force 0.3~2.0Kgf (initial),
0.3~2.0Kgf (Final) life test;
- 2-2. Plug Extraction Force: 0.3~2.0Kgf (initial),
0.3~2.0Kgf (Final) life test;

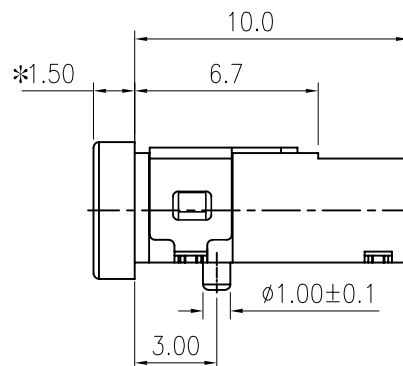
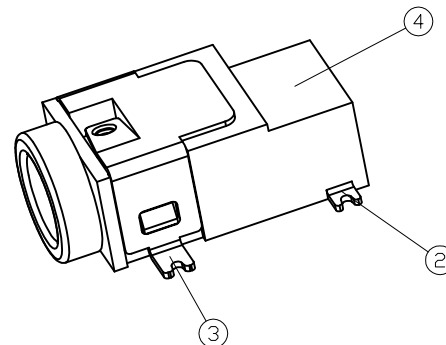
3. Durability Test: 5,000 Cycles min;

4. Operating temperature: -25°C ~ +70°C;

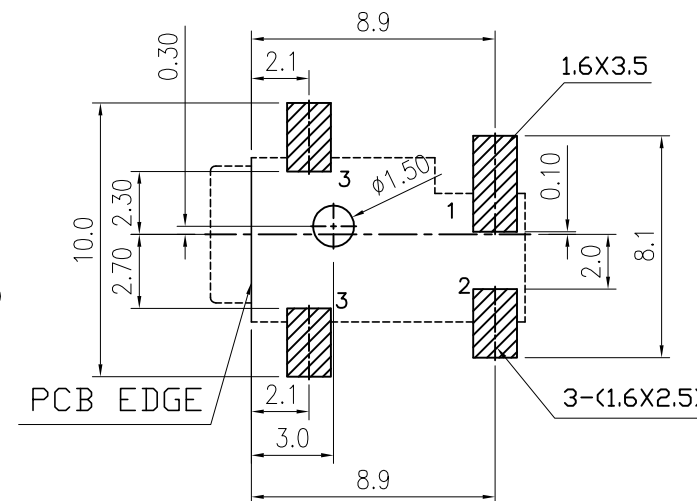
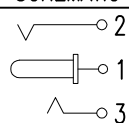
5. Soldering Heat Resistance Reflow Soldering 260°C;

6. Plug Interface Dimensions Conform To EIAJ RC-5321 Spec;

7. Packaging: Tape Reel;

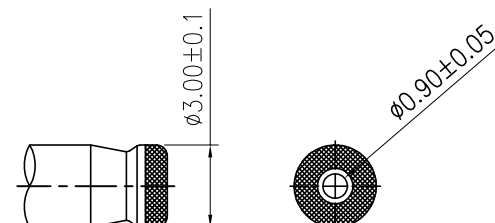


SCHEMATIC



Recommend of PC Board Holes

Tolerance : ±0.05(Top view)



DC PLUG-REF

4	HOUSING	1	PA9T	BLACK
3	CONTACT FOOT	1	C5191 t=0.20	MB:Ni Gold Flash
2	SPRING PIECE	1	C5191 t=0.25	MB:Ni Gold Flash
1	CENTER PIN	1	C2680 t=0.20	MB:Ni Gold Flash
LTR	PART NAME	QTY	MATERIAL	REMARK
-TOLERANCES- UNLESS OTHERWISE SPECIFIED 公差				
X.X	±0.30	X.X"	±3°	
X.XX	±0.20	X.XX"	±1°	
X.XXX	±0.15			
Singatron Enterprise Co., Ltd.				
TITLE DC POWER JACK				
DWN ANJOU 2009.04.20 PART NO. 2DC-K020-12G				
CHKD ANJOU 2009.04.20 SCALE 1:1 UNIT: mm				
APVD GIEVEN 2009.04.20 SIZE: A3 SHEET:1 OF 1 REV: A				
CUSTOMER COPY				

LEAD FREE