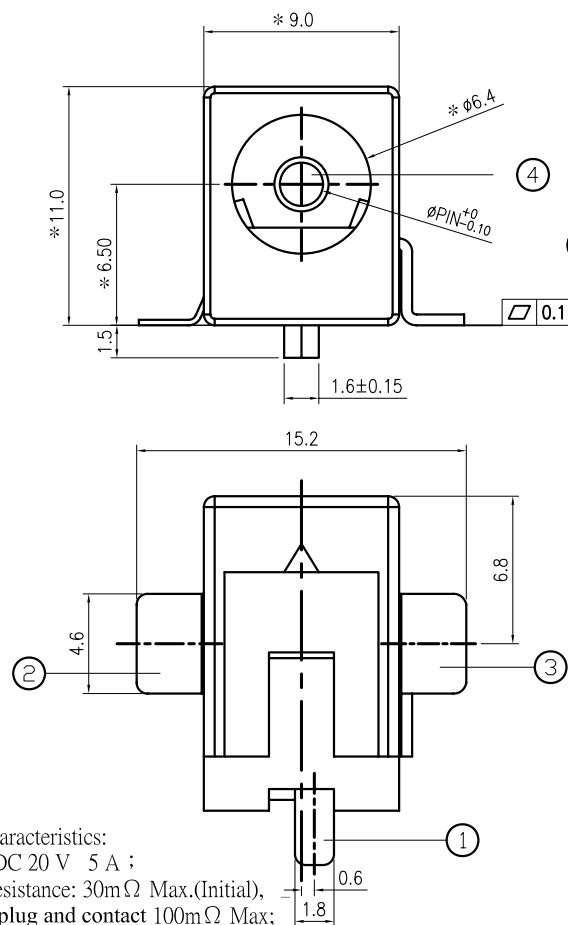


*: INDICATES THE KEY DIMENSIONS 【*為重點尺寸】



Notes:

1. Electrical Characteristics:

- 1-1. Rating : DC 20 V 5 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;

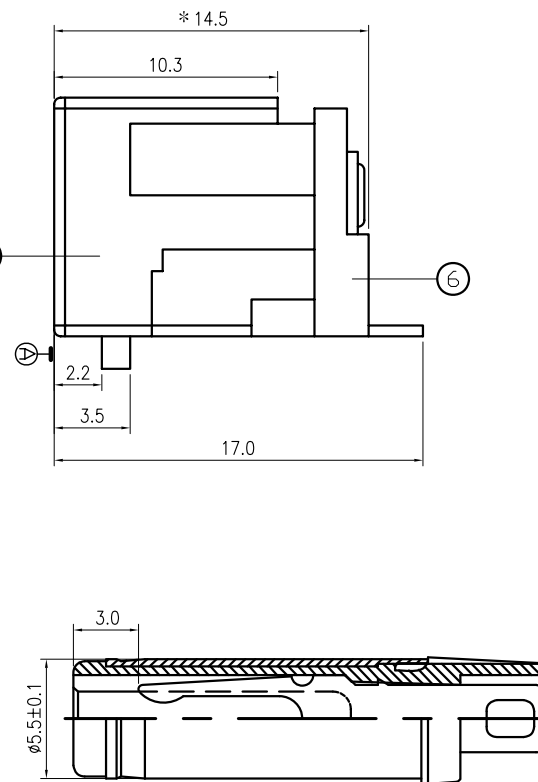
3. Durability Test: 5,000 Cycles min;

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

5. Soldering Heat Resistance Reflow Soldering 260°C;

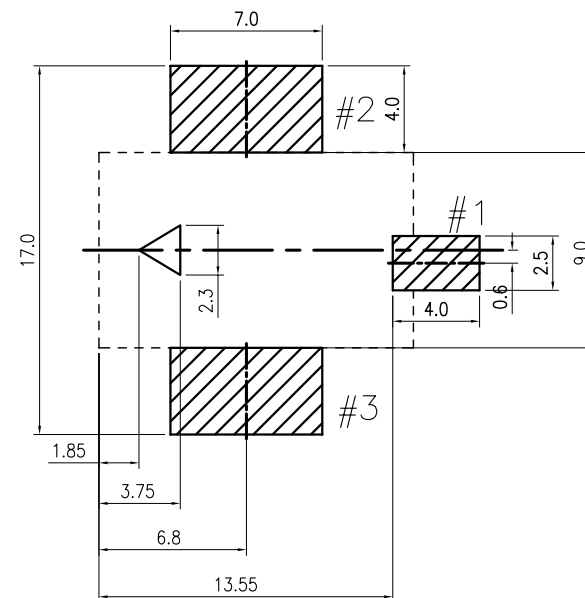
6. Plug Interface Dimensions Conform To EIAJ RC-5321 Spec;

7. Packaging: Tape Reel;



DC MATEING PLUG-REF

SCHEMATIC		
2DC-K020-16KSA	Ø2.0	○ #1
2DC-K020-16KSB	Ø2.5	○ #3
		○ #2



Recommend of PC Board Holes

Tolerance : ±0.05(Top view)

LEAD FREE

6	COVER	1	PA9T	UL-94V0(BLACK)
5	HOUSING	1	PA9T	UL-94V0(BLACK)
4	CENTER PIN	1	BRASS	Ni PLATED
3	CURVE PIECE	1	BRASS t=0.50	MB:Ni Ag PLATED
2	SPRING PIECE	1	PHOSPHOR BRONZE t=0.25	MB:Ni Ag PLATED
1	FLAT PIECE	1	BRASS t=0.50	MB:Ni Ag PLATED

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 2010.10.07	PART NO. 2DC-K020-16KS		
CHKD	ANJOU 2010.10.07	SCALE 1:1	UNIT: mm	APVD
APVD	CHIEVEN 2010.10.07	SIZE: A3	SHEET:1 OF 1	REV: A
CUSTOMER COPY				