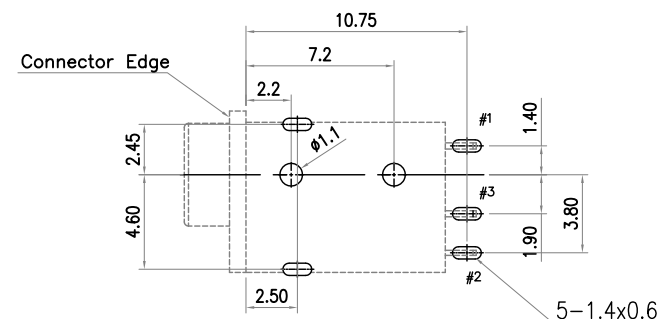
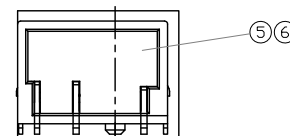
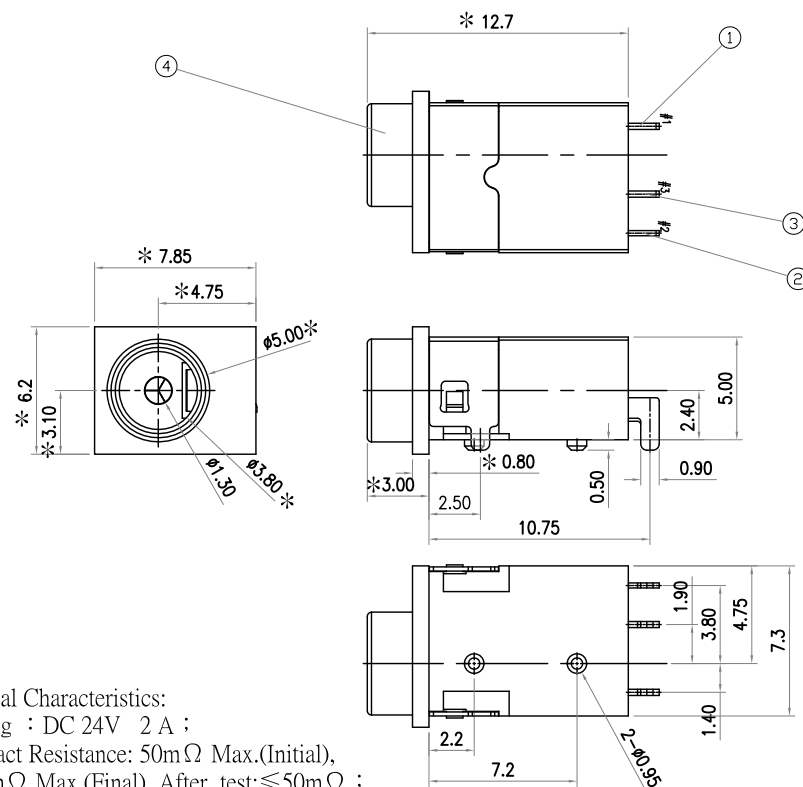


“*” : INDICATES THE KEY DIMENSIONS [“*”為重點尺寸]

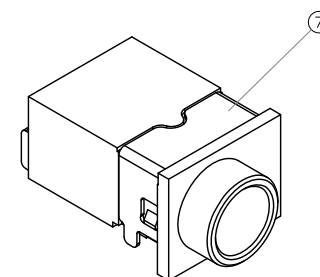
* REVISIONS

LTR	DESCRIPTION	DATE	REVISED	APPROVED



Recommend of PC Board Holes
Tolerance : ± 0.05 (Top view)

CAT. NO.	PIN	SCHEMATIC
2DC-KP020-02JA	Ø1.3	



Notes:

1. Electrical Characteristics:
- 1-1. Rating : DC 24V 2 A ;
- 1-2. Contact Resistance: 50mΩ Max.(Initial),
100mΩ Max.(Final) After test: ≤50mΩ ;
- 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: 0.3~3.0Kgf (initial),
0.2~2.0Kgf (Final) life test;
2-2. Plug Extraction Force: 0.3~3.0Kgf (initial),
0.2~2.0Kgf (Final) life test;

3. Durability Test: 5,000 Cycles min:

4. Operating temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$;

5. Soldering Heat Resistance Reflow Soldering $255^{\circ}\text{C} \pm 5^{\circ}\text{C}$;

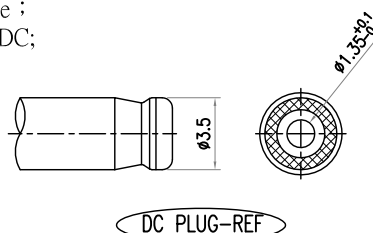
6. Plug Interface Dimensions Conform To EIAJ RC-5321 Spec;

7. Packaging: Tape Reel;

8. Housings and O-rings are packed separately.

9. The connector can go through the IR process once only.

10. The O-Ring can not go through the IR process with waterproof connector together.



DC PLUG-REF

RoHS Compliant

7	SHIELD	1	STEEL	Ni PLATED
6	GLUE	1	SILICON	BLACK
5	COVER	1	HIGH TEMP THERMOPLASTIC	BLACK
4	HOUSING	1	HIGH TEMP THERMOPLASTIC	BLACK
3	TERMINAL 3	1	COPPER ALLOY	MB:Ni Gold Flash
2	TERMINAL 2	1	COPPER ALLOY	MB:Ni Gold Flash
1	TERMINAL 1	1	COPPER ALLOY	MB:Ni Gold Flash

LTR	PART NAME	QTY	MATERIAL	REMARK
-TOLERANCES- UNLESS OTHERWISE SPECIFIED 公差			Singatron Enterprise Co., Ltd.	
X.X ±0.30	X.X° ±3°	TITLE	WATERPROOF DC POWER JACK	
X.XX ±0.25	X.XX° ±1°	DWN	H.RP2017.10.27	PART NO. 2DC-KP020-02JA
X.XXX ±0.20		CHKD	GAOWEI2017.10.27	SCALE 1:1 UNIT: mm 
		APVD	GAOWEI2017.10.27	SIZE: A3 SHEET:1 OF 1 REV:00
CUSTOMER COPY				