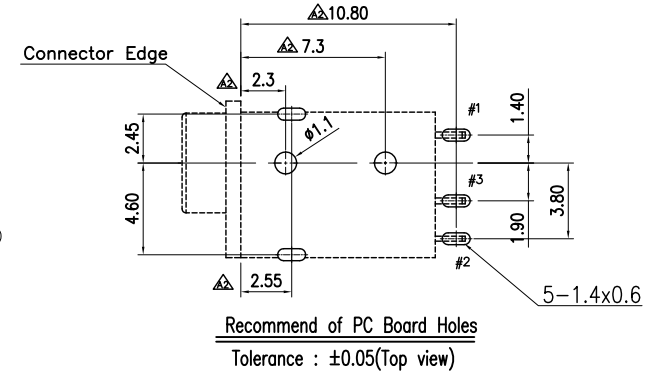
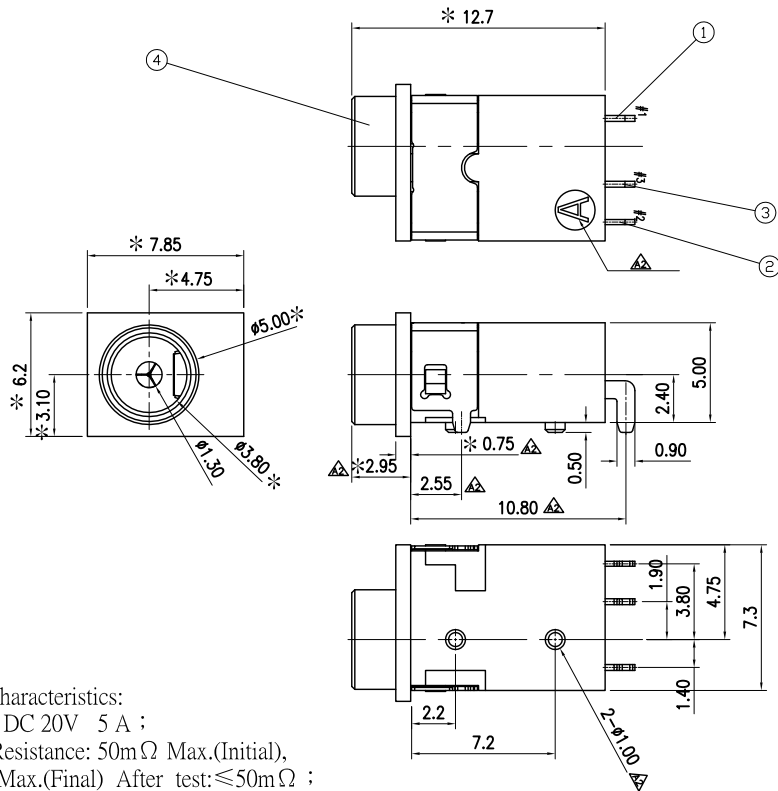


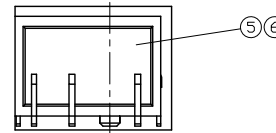
"*" : INDICATES THE KEY DIMENSIONS ["*" 為重點尺寸]

* REVISIONS

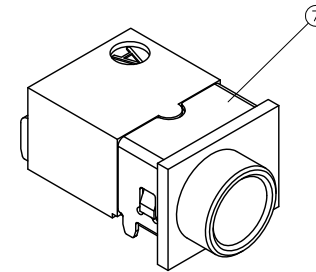
LTR	DESCRIPTION	DATE	REVISED	APPROVED
A	New Release	2019.04.30	H. RP	GAOWEI
B	Update Curent Rating	2019.06.12	H. RP	GAOWEI
C	Corrected Color	2019.07.09	H. RP	GAOWEI



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

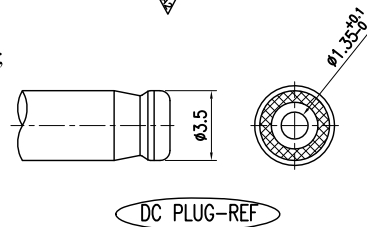


CAT. NO.	PIN	SCHEMATIC
2DC-KP020-02JAA	Ø1.3	



Notes:

- Electrical Characteristics:
 - Rating : DC 20V 5 A ;
 - Contact Resistance: 50mΩ Max.(Initial), 100mΩ Max.(Final) After test: ≤50mΩ ;
 - Dielectric Withstanding Voltage: 500V AC for One Minute ;
 - Insulation Resistance: 100MΩ Min. Measured By 500 VDC;
- Mechanical Characteristics:
 - Plug Insertion Force 0.3~3.0Kgf (initial), 0.2~2.0Kgf (Final) life test;
 - Plug Extraction Force: 0.3~3.0Kgf (initial), 0.2~2.0Kgf (Final) life test;
- Durability Test: 5,000 Cycles min;
- Operating temperature:-25°C ~ +70°C;
- Soldering Heat Resistance Reflow Soldering 255°C+/-5°C;
- Plug Interface Dimensions Conform To EIAJ RC-5321 Spec;
- Packaging: Tape Reel;
- Housings and O-rings are packed separately.
- The connector can go through the IR process once only.
- The O-Ring can not go through the IR process with waterproof connector together.



RoHS Compliant

7	SHIELD	1	BRASS	Ni PLATED
6	GLUE	1	SILICON	WHITE Δ
5	COVER	1	PA10T	BLACK
4	HOUSING	1	PA10T	BLACK
3	TERMINAL 3	1	BRASS	MB:Ni Gold Flash
2	TERMINAL 2	1	PHOSPHOR BRONZE	MB:Ni Gold Flash
1	TERMINAL 1	1	PHOSPHOR BRONZE	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 ±0.25	X.XX" ±1"
X.XXX ±0.20	

Singatron Enterprise Co., Ltd.

TITLE	WATERPROOF DC POWER JACK			
DWN	H.RP	PART NO. 2DC-KP020-02JAA		
CHKD	2019.04.30	SCALE 1:1	UNIT: mm	⊕
APVD	GAOWEI	SIZE: A3	SHEET: 1 OF 1	REV: C

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