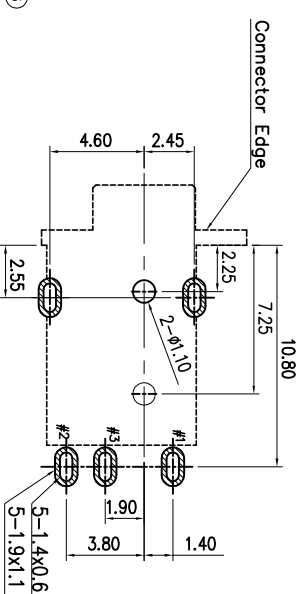
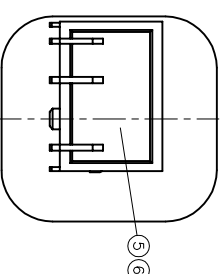
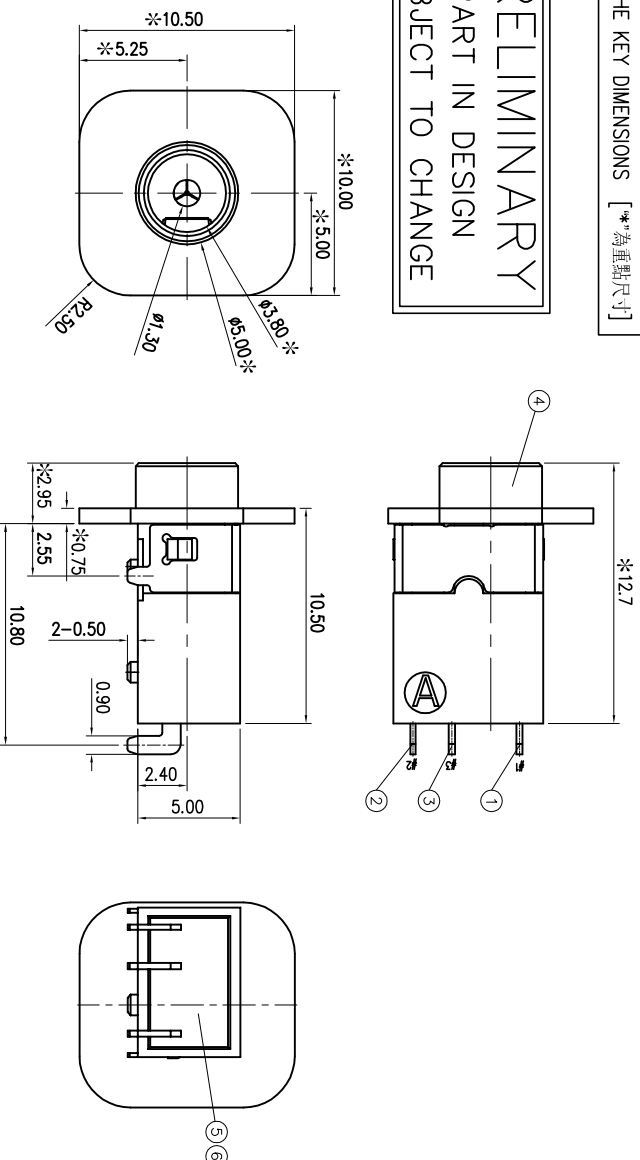


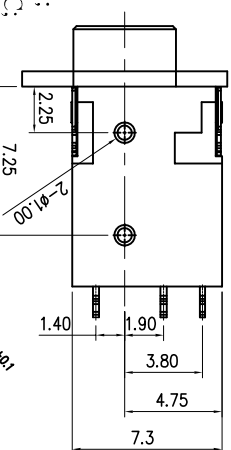
※”：INDICATES THE KEY DIMENSIONS [※”為重點尺寸]

PRELIMINARY
PART IN DESIGN
SUBJECT TO CHANGE

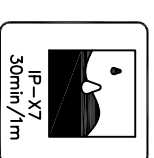
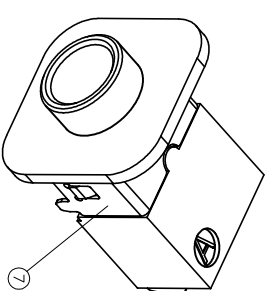


Recommend of PC Board Holes
Tolerance : ± 0.05 (Top view)

- Notes:
- Electrical Characteristics:
 - Rating : DC 20V 5 A ;
 - Contact Resistance: 50m Ω Max.(Initial), 100m Ω Max.(Final) After test: ≤ 50 m Ω ;
 - Dielectric Withstanding Voltage: 500V AC for One Minute ;
 - Insulation Resistance: 100M Ω Min. Measured By 500 VDC;

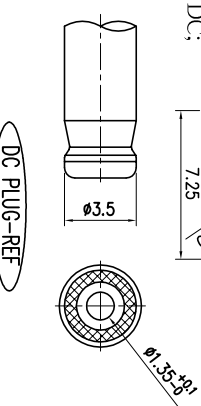


CAT. NO.	PIN	SCHEMATIC
2DC-KP020-02JSAA	$\phi 1.3$	



RoHS Compliant

- 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 $^{\circ}$ C ~ +70 $^{\circ}$ C;
- Soldering Heat Resistance Reflow Soldering 255 $^{\circ}$ C+5 $^{\circ}$ 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.

7	SHIELD	1	BRASS	NI	PLATED
6	GLUE	1	SILICON	WHITE	
5	COVER	1	PAIOT	BLACK	
4	HOUSING	1	PAIOT	BLACK	
3	TERMINAL 3	1	BRASS	MB:NI	Gold Flush
2	TERMINAL 2	1	PHOSPHOR BRONZE	MB:NI	Gold Flush
1	TERMINAL 1	1	PHOSPHOR BRONZE	MB:NI	Gold Flush
LTR	PART NAME	QTY	MATERIAL	REMARK	

-TOLERANCES-
UNLESS OTHERWISE SPECIFIED

公差

Singatron Enterprise Co., Ltd.

TITLE	WATERPROOF DC POWER JACK
DWN	LUJAO PART NO. 2DC-KP020-02JSAA
CHKD	2020.02.20 SCALE 1:1 UNIT: mm
APVD	GAOWEI SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY