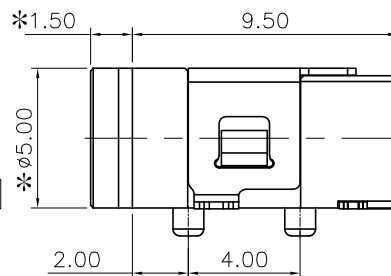
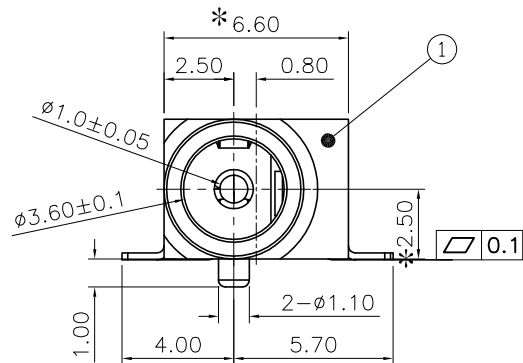


“*” : INDICATES THE KEY DIMENSIONS [“*”為重點尺寸]



CAT. NO.	PIN	SCHEMATIC
2DC-K020-03A	Ø1.0	

Notes:

- Electrical Characteristics:
 - Rating : DC 5 V 3 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;

2. Mechanical Characteristics:

- Plug Insertion Force 0.3~3.0Kgf (initial), 0.3~2.0Kgf (Final) life test;
- Plug Extraction Force: 0.3~3.0Kgf (initial), 0.3~2.0Kgf (Final) life test;

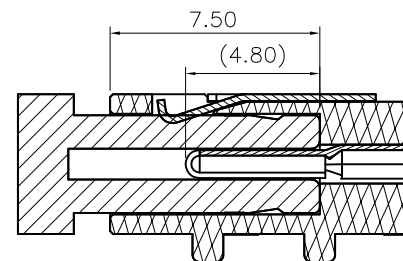
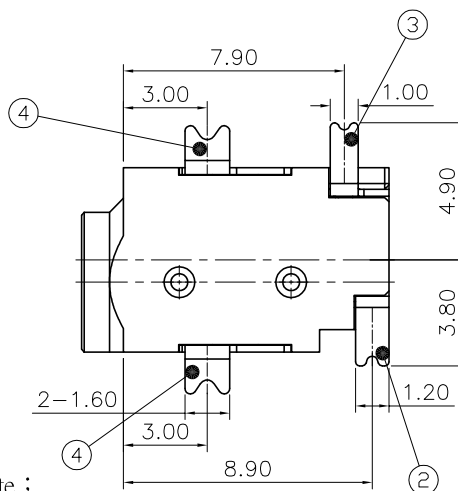
3. Durability Test: 5,000 Cycles min;

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

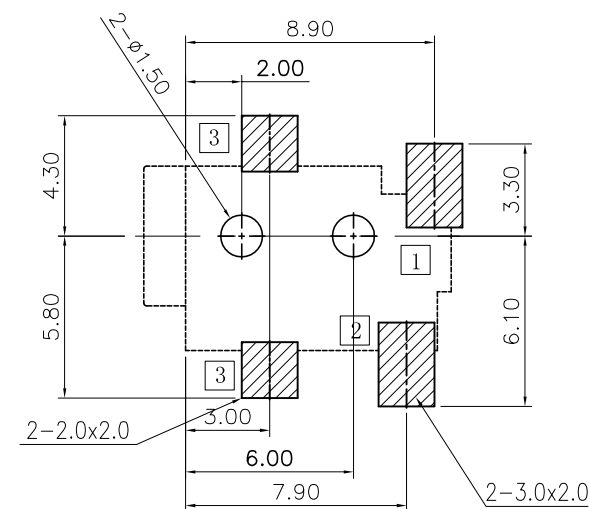
5. Soldering Heat Resistance IR Reflow Soldering 260°C;

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

7. Packaging: Tape Reel;



Plug Matching Diagram



Recommend of PC Board Holes

Tolerance : ±0.05(Top view)

4	RING SPRING	1	COPPER ALLOY	t=0.25	MB:Ni	Aq	PLATED
3	TIP SPRING	1	COPPER ALLOY	t=0.25	MB:Ni	Aq	PLATED
2	CENTER PIN	1	COPPER ALLOY	t=0.20	MB:Ni	Aq	PLATED
1	HOUSING	1	PA10T		UL94V-0		BLACK
LTR	PART NAME	QTY	MATERIAL		REMARK		
-TOLERANCES-			Singatron Enterprise Co., Ltd.				
UNLESS OTHERWISE SPECIFIED			DC POWER JACK				
公差			PART NO. 2DC-K020-03A				
X.X	±0.38	X.X" ±3°	DWN	H.RP	SCALE 1:1	UNIT: mm	
X.XX	±0.30	X.XX" ±1°	CHKD	2020.01.15	SIZE: 1:1	SHEET: 1 OF 1	REV: A
X.XXX	±0.20		APVD	GAOWEI	SIZE: A3	SHEET:1 OF 1	REV: A
CUSTOMER COPY							

RoHS Compliant