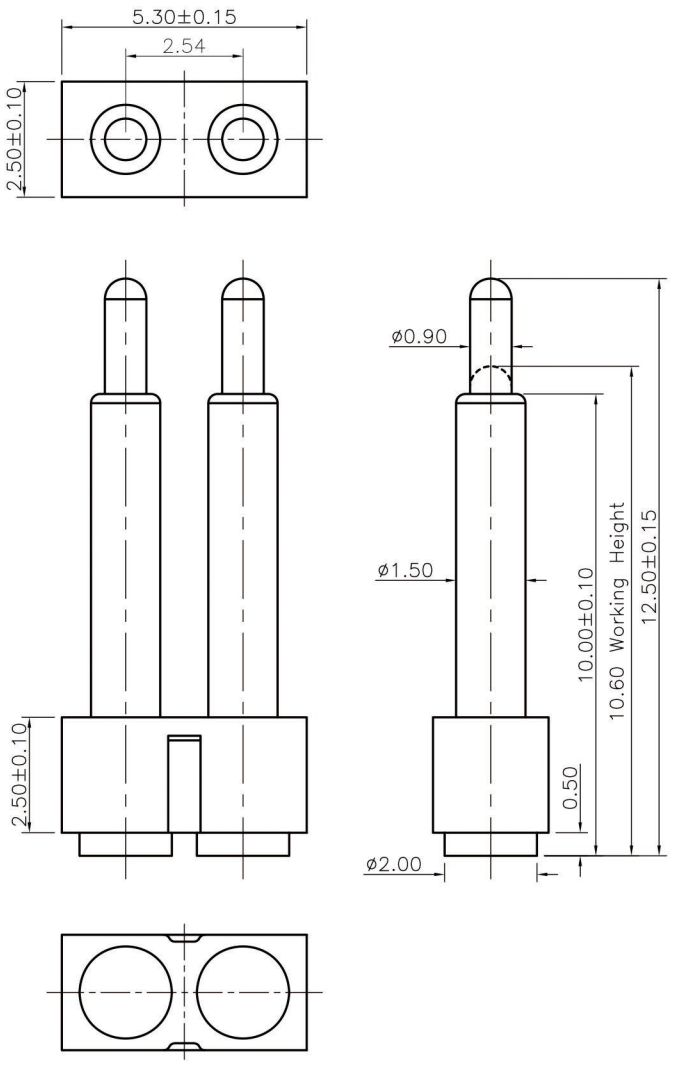
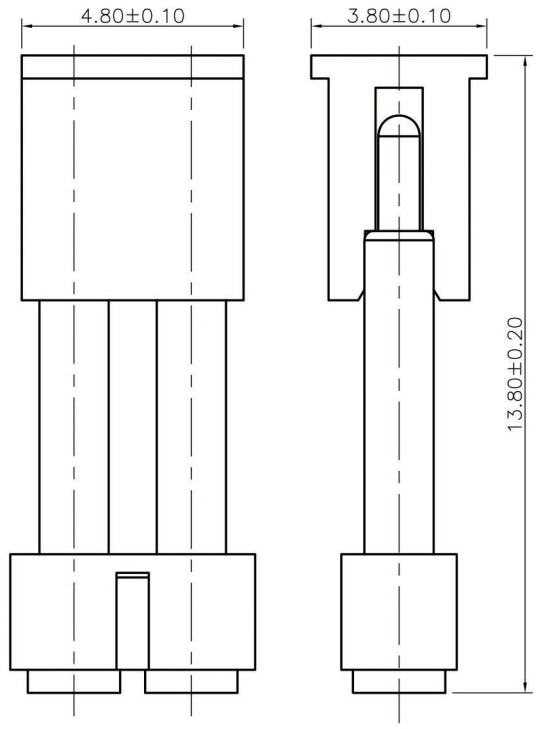
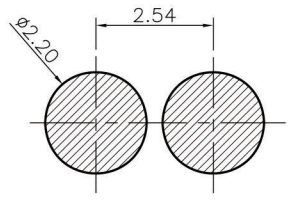
Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	2	无铅铜	Au 3u" Min. OVER 50U~120" Ni
2	Barrel	2	无铅铜	Au 3u" Min. OVER 50U~120" Ni
3	Spring	2	SUS304	/
4	Housing&CAP	1	High temp.Plastic; UL94 V-0 Color Black	

NOTES:
1. Electrical
   .Rated Current & Voltage : DC 24 V ; 2.0A Max.
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Full store: 2.50 mm
   .Spring Force : 120g±20%g at Working Height
   .Durability:10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: -40°C~+85°C
   .Humidity Range: 10%RH~90%RH
   .Salt Spray: 48 Hours
4. When the current is greater than 1A then need to increase the time delay circuit(3 second)
5. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
6. To ensure the best usage,please operate it based on the working height.
7. .RoHs&HF compliant product.







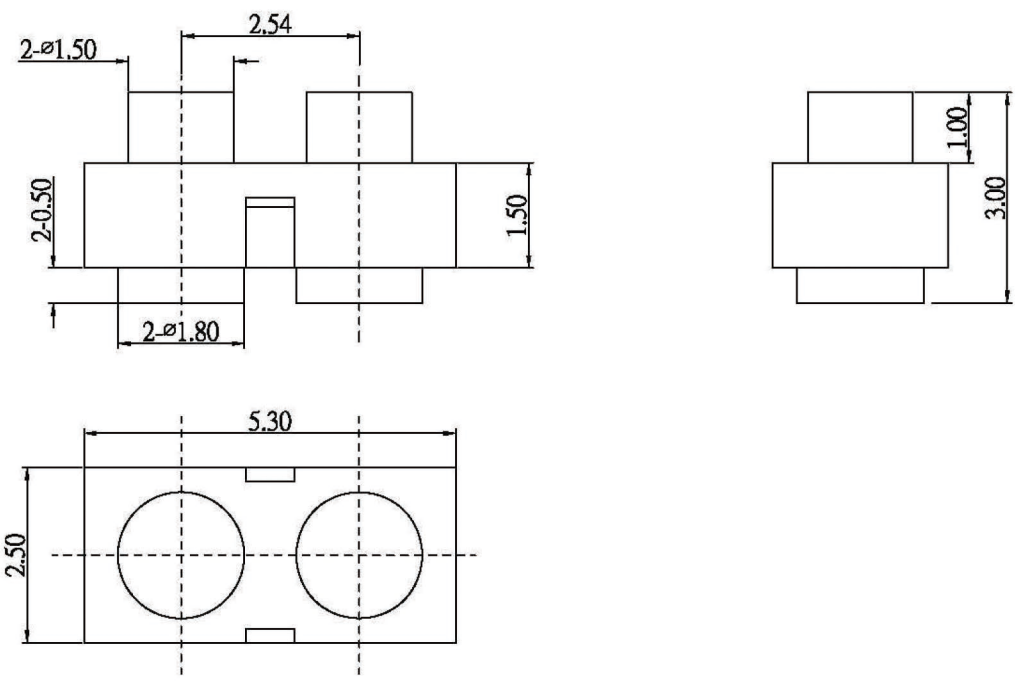
Recommended pcb layout
layout tolerance: ±0.05mm

VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	lys	DATE	2021.05.08	东莞市双盟电子有限公司	
CHECKED		SCALE	10:1 VER. B.0		
APPROVED		TITLE	pogo pin	Ang: 0 ±1° .0 ±0.5° .00 ±0.25°	Dim: 0 ±0.15 .0 ±0.10 .00 ±0.05
PROJECT		DRAWING NO.	PPM.02-242-0301		
SHEET	1 of 1	UNIT	mm		

REV	Description	ECN NO	DATE
A0	———	——	2019/01/23

Note:
...Materials:
Pin:Brass C3604 ,plating 3U" Min Au over 80U" Ni min;
Housing:Black HTN+30%GF UL94 V-0;
...Electrical:
Voltage:12 V.
Current:1.0 A Max.
Contact resistance:50mΩ Max at working height.
...ROHS or REACH compliant product.
...Salt spray test:48 H.
...& Key inspection dimension .



东莞市双盟电子有限公司		Nuits:	mm	Tolerance		Drawn:	
		Scale:	1:1	0~6	±0.05	Checked:	
		Size:	A4	7~50	±0.10	Approved:	
Title:	2pin 母端 连接器	Sheet:	1/1	>50	±0.20	Other tolerance unless otherwise noted (其他公差除非另有说明)	
Part NO:	PPF.02-648-0301	Porj:		Angle:	±2°		

NO.	P/N	Name	Specification	Qty
4			———	
3			———	
2			———	
1			———	