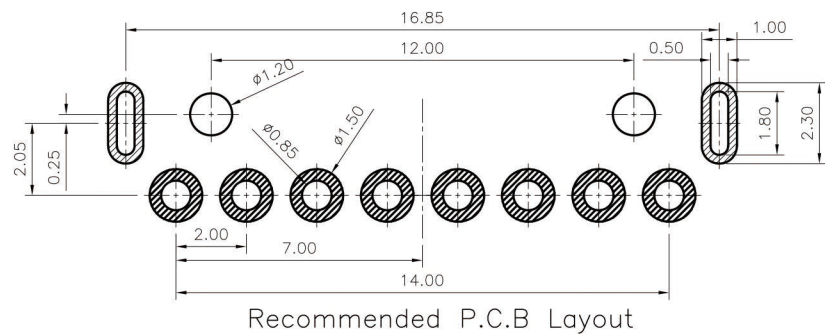
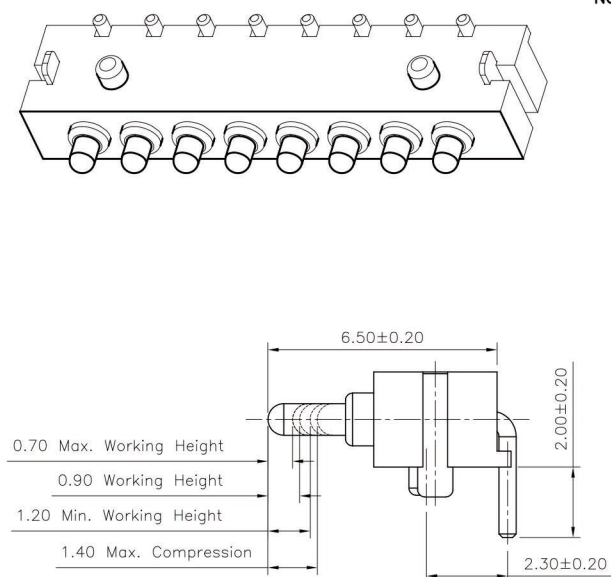


NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	8	Brass	Au 5u" Min. Over 50~120u" Ni
2	Barrel1	4	Brass	Au 4u" Min. Over 50~120u" Ni
3	Barrel2	4	Brass	Au 4u" Min. Over 50~120u" Ni
4	Spring	8	SUS 304	N/A
5	Housing	1	HTN	Black,UL94V-0
6	Latch	2	SPEC	Sn 80u" Min. Over 50u" Ni. Min

1. Electrical
 - .Rated Current & Voltage : DC 36 V ;
Pin A: 5.0A, Pin B: 2A
 - .Contact Resistance: 50 mohm maximum
at Working Height(Quiescence)
 - .Insulation Resistance: 500MΩ Min. at 500VDC/Minute
 - .Dielectric Withstanding Voltage: At 500VAC/Minute No Breakdown
2. Mechanical
 - .Pin A Spring Force : 50gf±10gf at Working Height
 - .Pin B Spring Force : 90gf±20gf at Working Height
 - .Durability:10,000 cycles(minimum)
3. Environmental
 - .Operating Temperature: -25°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.

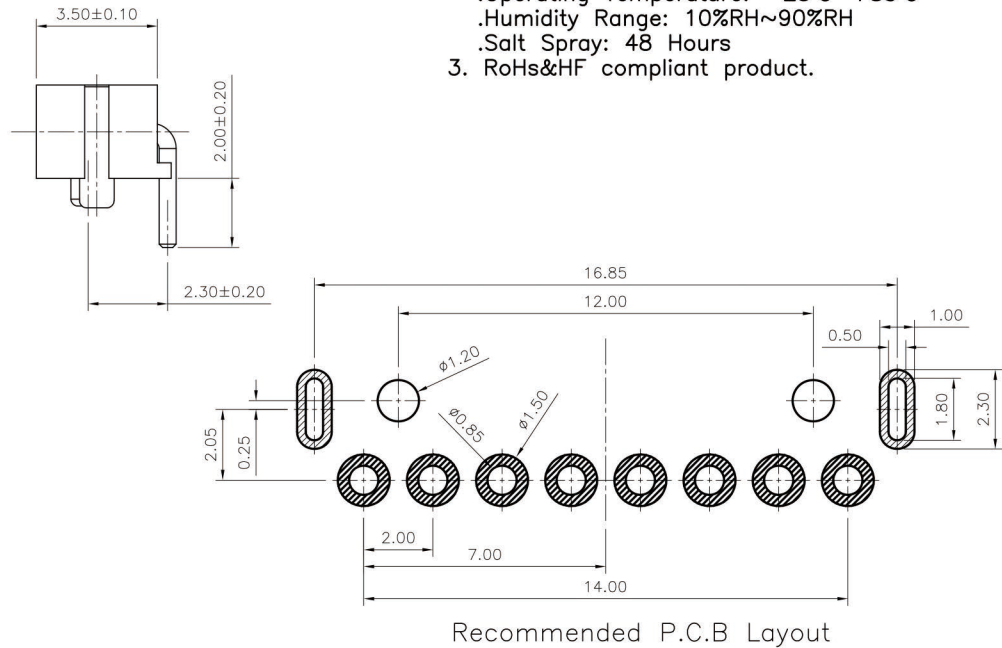


DRAWN	lys	DATE	2021.07.17			东莞市双盟电子有限公司					
CHECKED		SCALE	10:1	VER.	F.0						
APPROVED		TITLE	pogo pin connector.			Ang:			Dim:		
PROJECT		DRAWING NO.	PPM.08-519-0502B			0 ±1°			0 ±0.25		
						.0 ±0.5°			.0 ±0.20		
SHEET	1 of 1	UNIT	mm			.00 ±0.25°			.00 ±0.10		

VER.	DESCRIPTION	ECN NO.	DATE
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NO.	Part Name	Q'TY	Material	Plated surface
1	Pin A	4	Brass	Au 5u" Min. Over 50~100u" Ni
2	Pin B	4	Brass	Au 5u" Min. Over 50~100u" Ni
3	Housing	1	HTN	Black,UL94V-0
4	Latch	2	SPEC	Sn 80u" Min. Over 50u" Ni. Min

1. Electrical
 - .Rated Current & Voltage : DC 36 V ;
PIN A: 2.0 A, Pin B: 5A
 - .Contact Resistance: 50 mohm maximum
at Working Height(Quiescence)
 - .Insulation Resistance: 500MΩ Min. at 500VDC/Minute
 - .Dielectric Withstanding Voltage: At 500VAC/Minute No Breakdown
2. Environmental
 - .Operating Temperature: -25°C~+85°C
 - .Humidity Range: 10%RH~90%RH
 - .Salt Spray: 48 Hours
3. RoHS&HF compliant product.



DRAWN	lys	DATE	2021.07.17			东莞市双盟电子有限公司					
CHECKED		SCALE	10:1	VER.	D.0						
APPROVED		TITLE	pin connector.			Ang:			Dim:		
PROJECT		DRAWING NO.	PPF.08-519-0302B			0 ±1°			0 ±0.15		
						.0 ±0.5°			.0 ±0.10		
SHEET	1 of 1	UNIT	mm			.00 ±0.25°			.00 ±0.05		

VER.	DESCRIPTION	ECN NO.	DATE
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