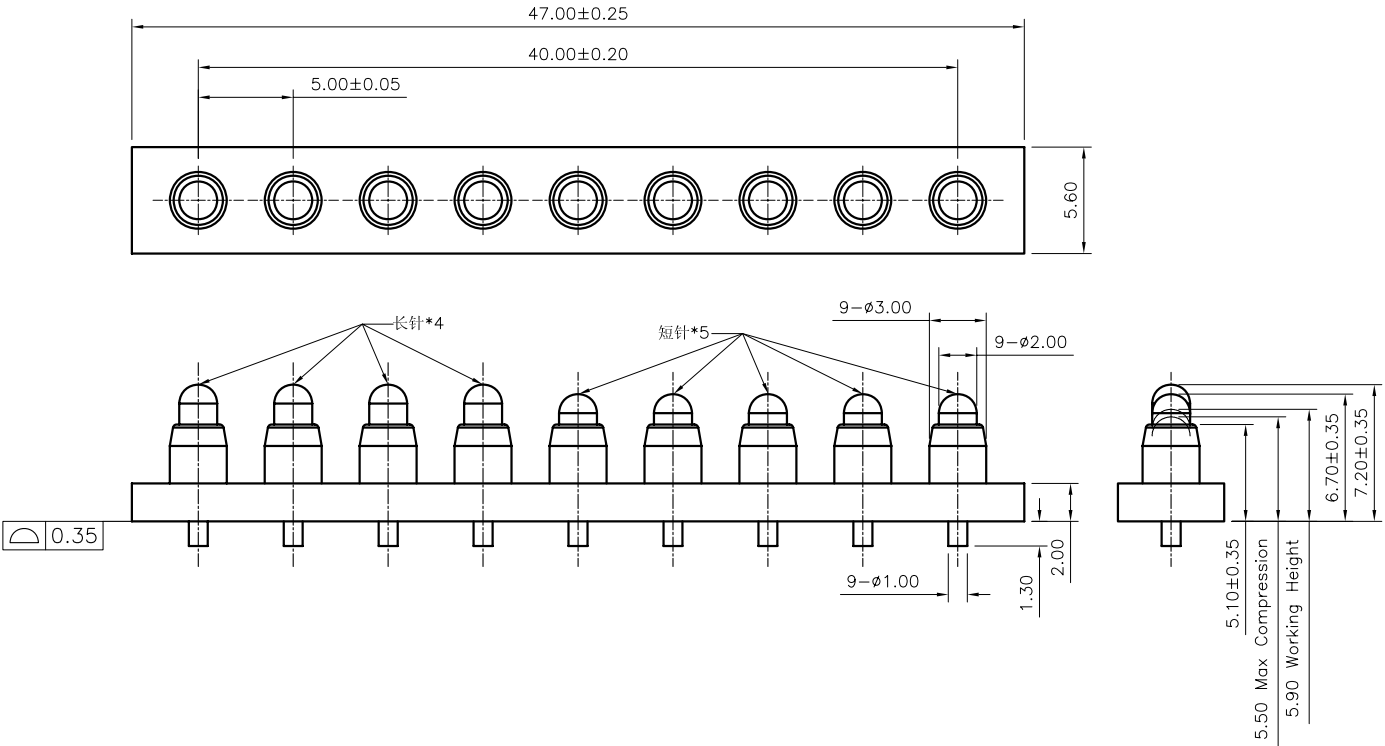


NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	9	C3604	Au 5u" Min. Over 50~100u" Ni
2	Barrel	9	C3604	Au 5u" Min. Over 50~100u" Ni
3	Spring	9	SUS 304	N/A
4	Housing	1	HTN	Black,UL94V-0

NOTES:

1. Electrical
.Rated Current & Voltage : DC 12 V ; 2.0A
.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
.Spring Force :
Short PIN:60±20% at Working Height
Long PIN:85±20% at Working Height
.Durability:50,000 cycles(minimum)
.Contact Retention Force:300gf/PIN Min.
3. Environmental
.Operating Temperature: -25°C~+85°C
.Humidity Range: 10%RH~90%RH
.Salt Spray: 48 Hours
4. Part To Be Free Form Manufacturing Lubricants.
5. When the current is greater than 1A then need to increase the time delay circuit(3 second)
6. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
7. To ensure the best usage,please operate it based on the working height.
8. RoHs&HF compliant product.
9. SMT Temperature: 265°C±5°, 2±0.5S
Soldering Temperature: 280°C±5°, 10±1S

Please Approve this Drawing	
Date	
Signature	



VER.	DESCRIPTION	ECN NO.	DATE
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DRAWN	tony	DATE	2020.06.11			东莞市双盟电子有限公司					
CHECKED		SCALE	10:1	VER.	B.1						
APPROVED		TITLE	pogo pin connector.			Ang:			Dim:		
PROJECT		DRAWING NO.	PPM.09-965-0502								
SHEET	1 of 1	UNIT	mm			0 ±1°			0 ±0.15		
						.0 ±0.5°			.0 ±0.10		
						.00 ±0.25°			.00 ±0.05		