

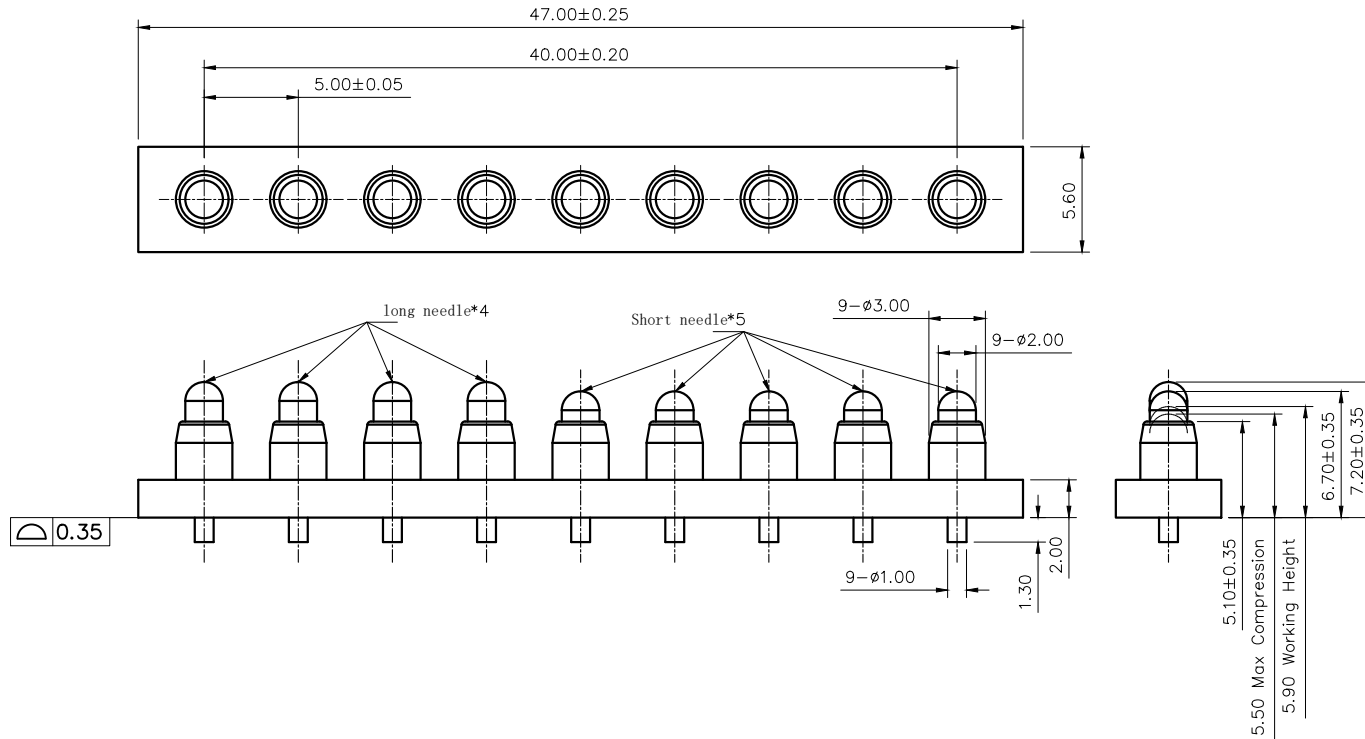
Please Approve this Drawing

Date	
Signature	

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:

- 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
- 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.
- Environmental
 - .Operating Temperature: -25°C~+85°C
 - .Humidity Range: 10%RH~90%RH
 - .Salt Spray: 48 Hours
- Part To Be Free Form Manufacturing Lubricants.
- When the current is greater than 1A then need to increase the time delay circuit(3 second)
- To avoid arcing issue, The adaptor start to power supply after connector mated fully.
- To ensure the best usage, please operate it based on the working height.
- RoHS&HF compliant product.
- SMT Temperature: 265°C±5°, 2±0.5S Soldering Temperature: 280°C±5°, 10±1S



DRAWN	tony	DATE	2020.06.11			DongGuan SUNMON Electronics Co., Ltd.		
CHECKED		SCALE	10:1	VER.	B.1			
APPROVED		TITLE	pogo pin connector.			Ang:	Dim:	
PROJECT		DRAWING NO.	PPM.09-965-0502			0 ±1°	0 ±0.15	
SHEET	1 of 1	UNIT	mm			.0 ±0.5°	.0 ±0.10	
						.00 ±0.25°	.00 ±0.05	

VER.	DESCRIPTION	ECN NO.	DATE