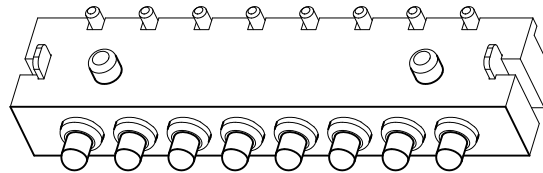
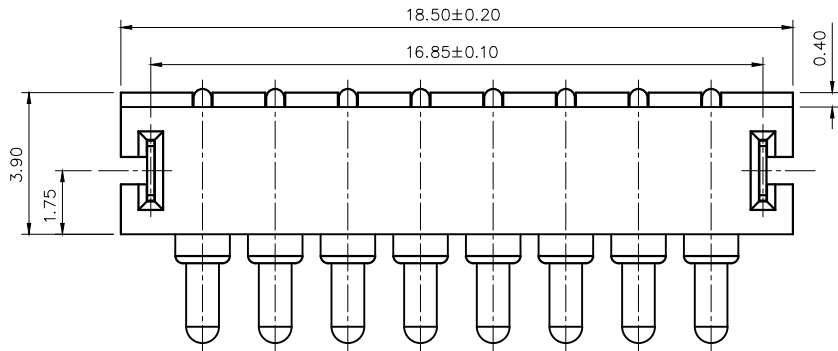


Please Approve this Drawing

Date

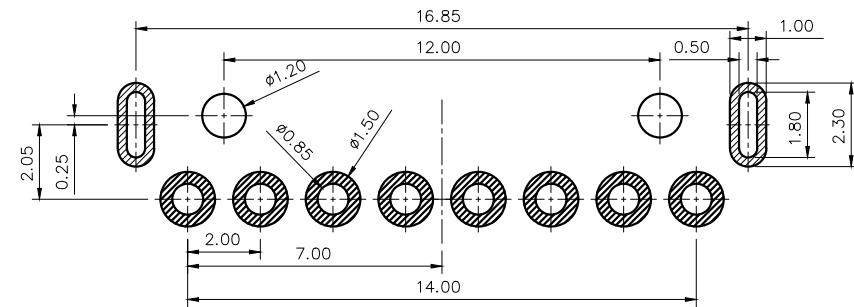
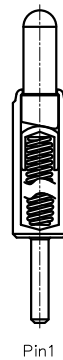
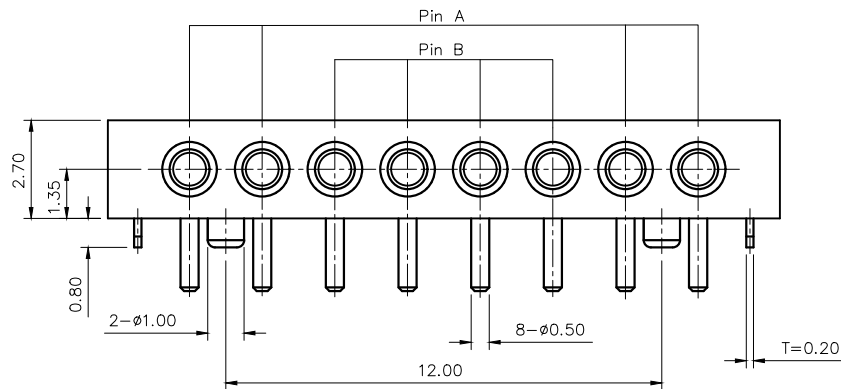
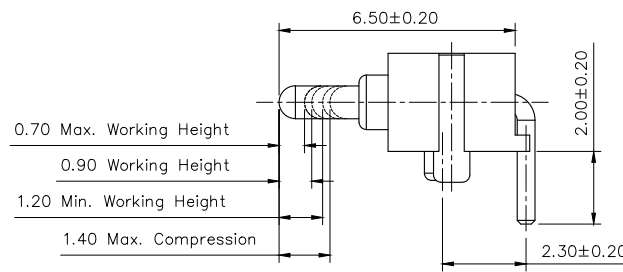
Signature

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

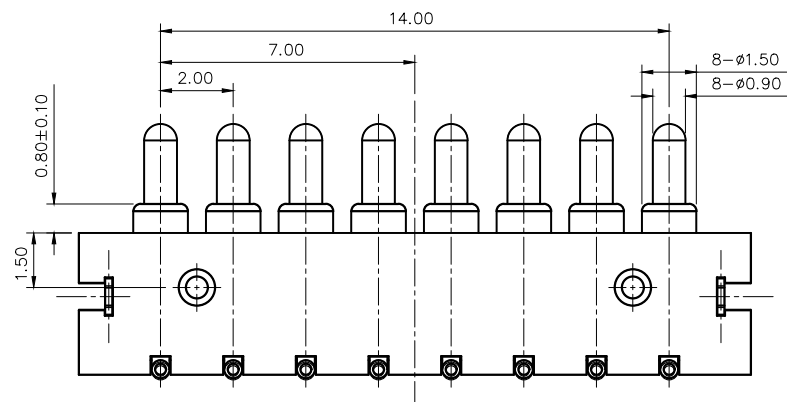


NOTES:

- 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
- Mechanical
 - .Pin A Spring Force : 50gf±10gf at Working Height
 - .Pin B Spring Force : 90gf±20gf at Working Height
 - .Durability:10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -25°C~+85°C
 - .Humidity Range: 10%RH~90%RH
 - .Salt Spray: 48 Hours
- 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.



Recommended P.C.B Layout



DRAWN	lys	DATE	2021.07.17		DongGuan SUNMON Electronics Co., Ltd.	
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
SHEET	1 of 1	UNIT	mm		.0 ±0.5°	.0 ±0.20
					.00 ±0.25°	.00 ±0.10

VER.	DESCRIPTION	ECN NO.	DATE