

Please Approve this Drawing

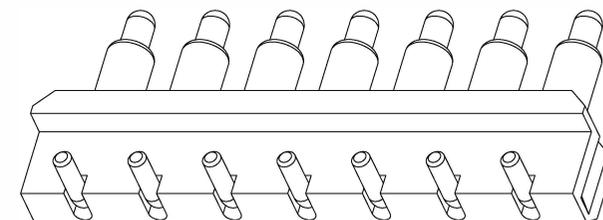
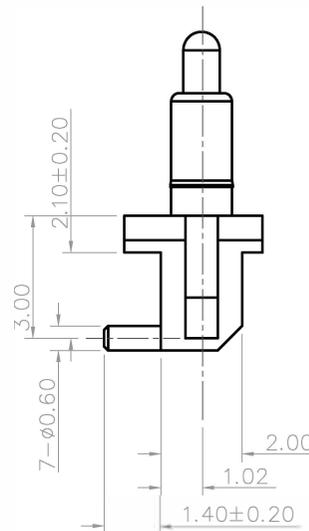
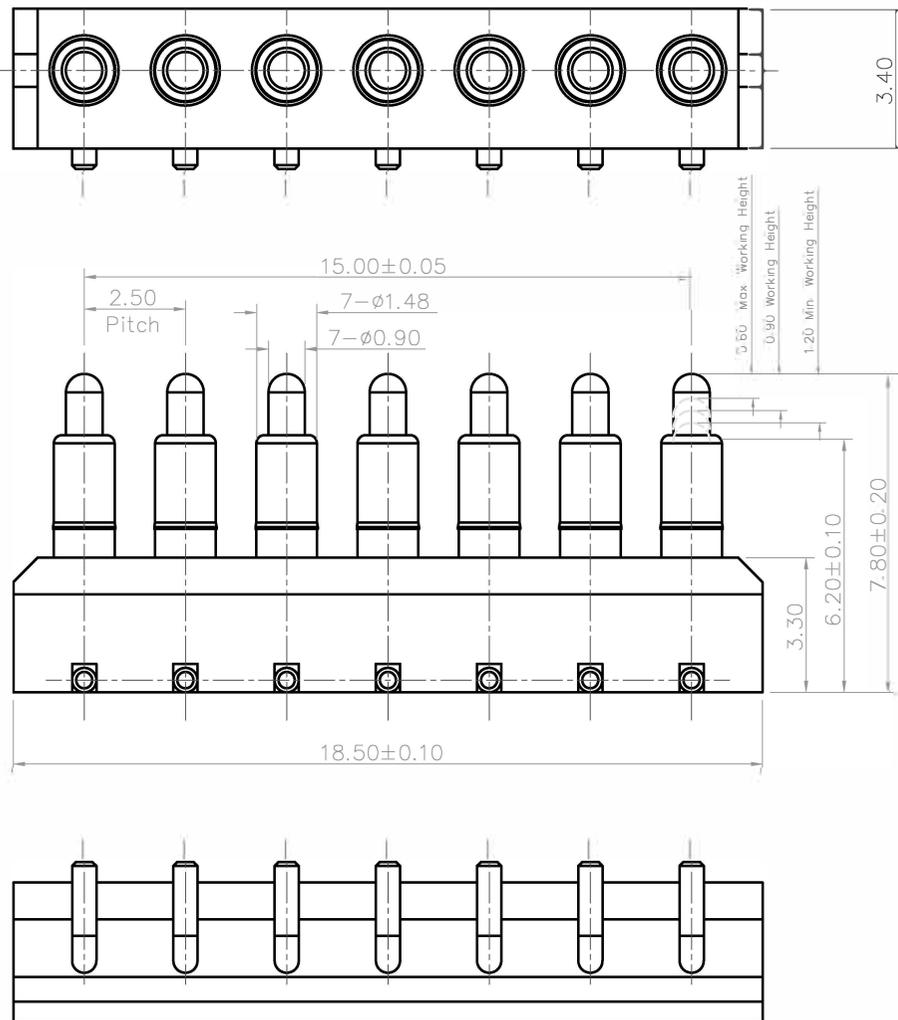
Date

Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	7	C3604	Au 10u" Min. OVER 50~100 U" NI
2	Barrel	7	C3604	Au 10u" Min. OVER 50~100 U" NI
3	Spring	7	SUS 304	N/A
4	Housing	1	HTN	N/A

NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 1.0 A
 - .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 : 85gf±20gf at Normal Working Height
 - .Durability: 10,000 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.



plunger: Z158-0110A
spring: T158-1A

DRAWN	Roy	DATE	2015.10.26		Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER. B.0	
APPROVED		TITLE	pogo pin connector.		Ang:
PROJECT		DRAWING NO.	C277-07P		0 ±1°
SHEET	1 of 1	UNIT	mm		.0 ±0.5°
					.00 ±0.25°
					0 ±0.15
					.0 ±0.10
					.00 ±0.05

VER.	DESCRIPTION	ECN NO.	DATE