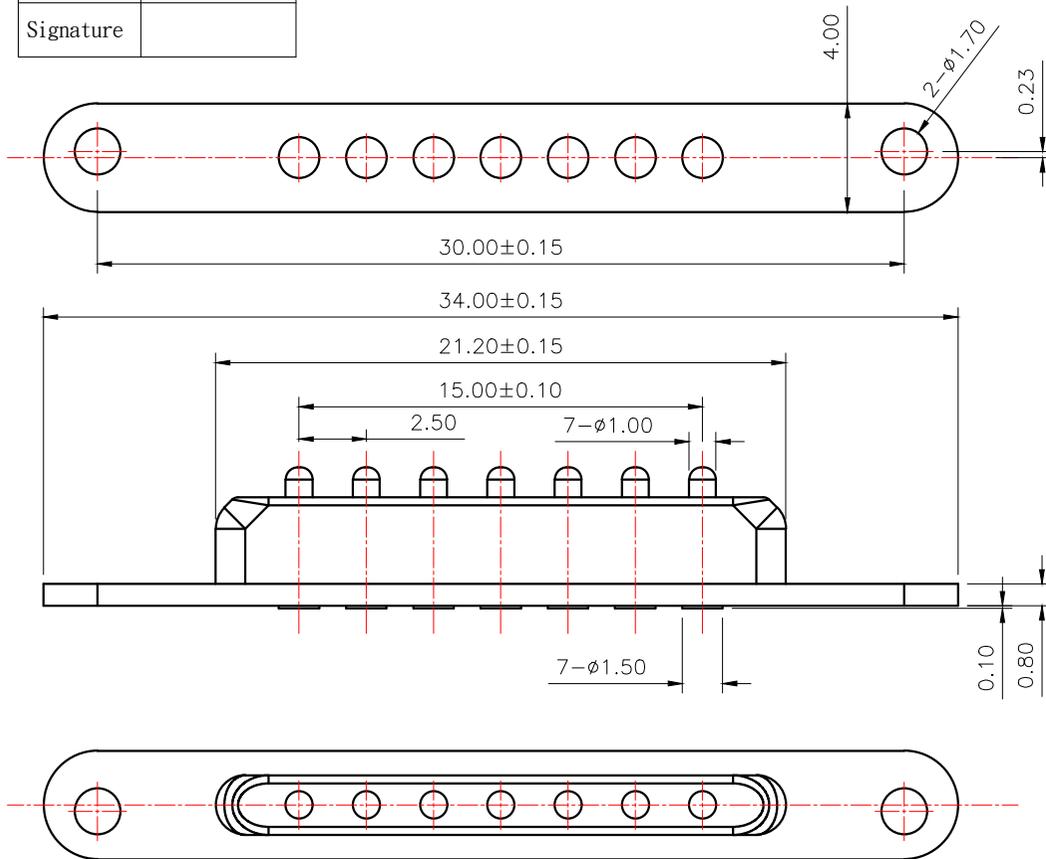


Please Approve this Drawing

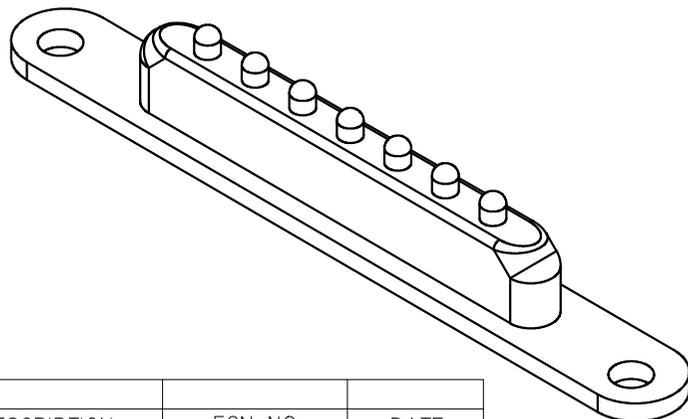
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	7	C3604	AU 5 U" MIN OVER 50~100 U" NI
2	Barrel	7	C3604	AU 5 U" MIN OVER 50~100 U" NI
3	Spring	7	SUS304	Not Plated
4	Housing	1	PA46	UL 94V-0, BLACK



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 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
  - .Spring Force: 100gf±20gf at Working Height
  - .Durability:10,000 cycles(minimum)
  - .Contact Retention Force:300gf/PIN Min.
- Environmental
  - .Operating Temperature:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
  - .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.



DRAWN	Roy.wei	DATE	2017.12.22			 Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER.	B.0	
APPROVED		TITLE	pogo pin connector.			Ang:
PROJECT		DRAWING NO.	C856-07P			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