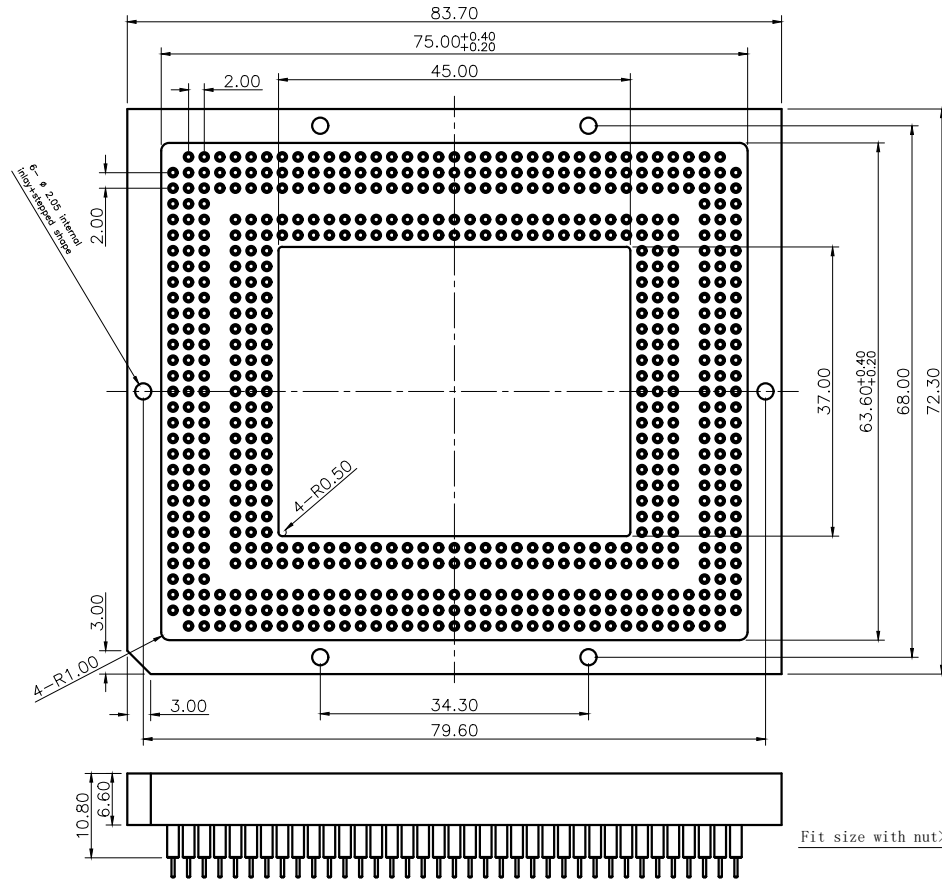


Please Approve this Drawing

Date

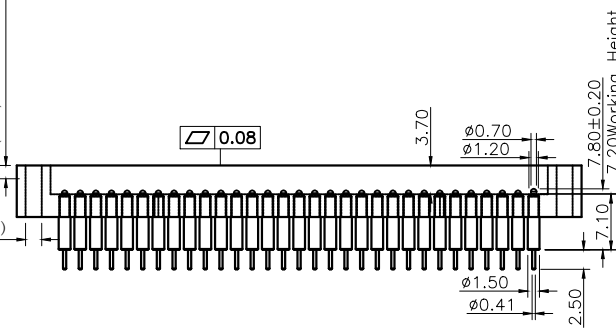
Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	598	Brass	AU 10U" MIN OVER 50~120 U" NI
2	Barrel	598	Brass	AU 10U" MIN OVER 50~120 U" NI
3	Spring	598	SUS	N/A
4	Ball	598	Brass	AU 3U" MIN OVER 50~120 U" NI
5	Housing	1	FR-4	



(1.70) This size=M2 nut height is less than 6.40

Fit size with nut > (2.05)



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 1.0A Max.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 0.80 mm
 - .Working Store: 0.60mm
 - .Spring Force: 40gf±20%gf at Working Height
 - .Durability:10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -30°C~+80°C
 - .Humidity Range: 5%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.
- The rubber shell base is welded with lead-free soldering iron at a high temperature of 260 degrees Celsius without deformation or damage

DRAWN	lys	DATE	2021.11.11			DongGuan SUNMON Electronics Co., Ltd.		
CHECKED		SCALE	10:1	VER.	A.0			
APPROVED		TITLE	pogo pin connector.			Ang:	Dim:	
PROJECT		DRAWING NO.	PPM.598-407-1002			0 ±1°	0 ±0.20	
SHEET	1 of 1	UNIT	mm			.0 ±0.5°	.0 ±0.15	
					.00 ±0.25°	.00 ±0.10		

VER.	DESCRIPTION	ECN NO.	DATE