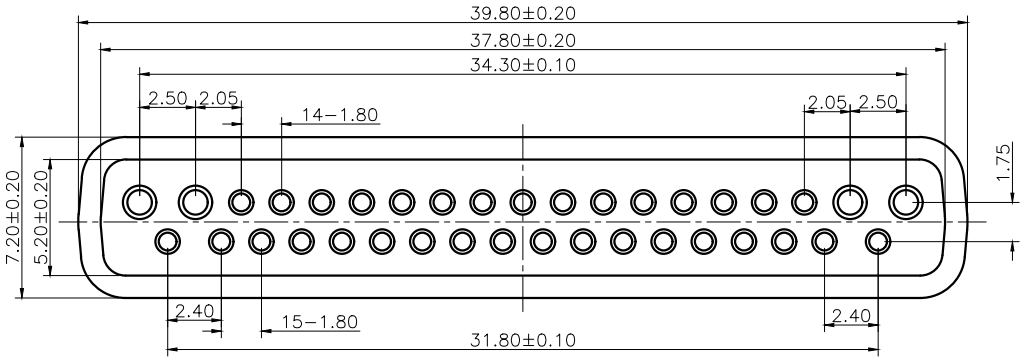
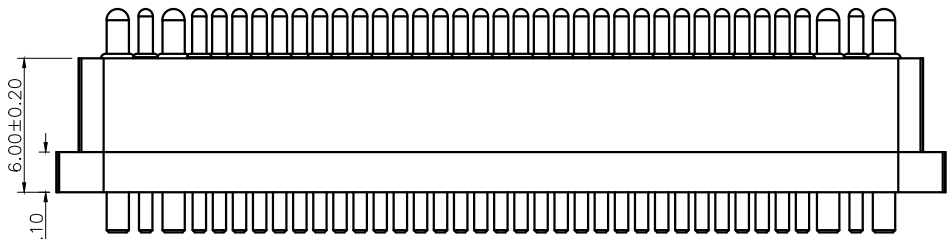
Please Approve this Drawing	
Date	
Signature	

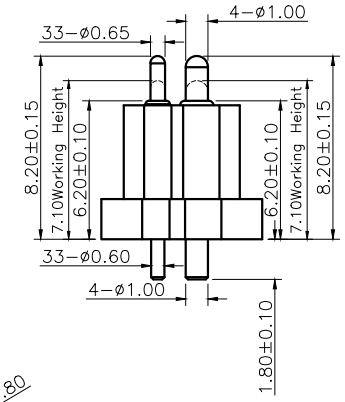
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	37	HBi59	AU 5U" MIN OVER 50~120 U" NI
2	Barrel	37	HBi59	AU 3U" MIN OVER 50~120 U" NI
3	Spring	37	SUS	N/A
4	Housing	1	High temp.Plastic; UL94 V-0 Color Black	

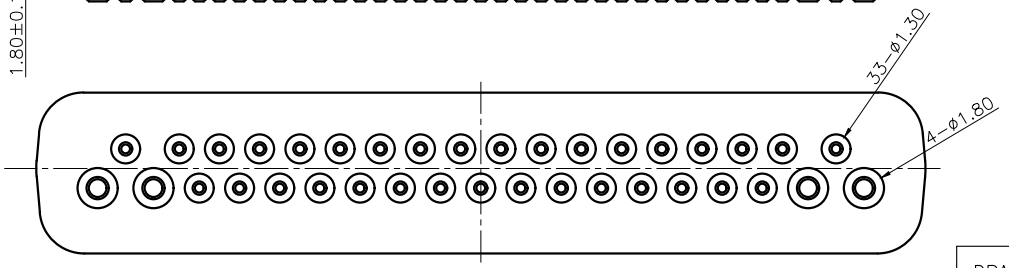
NOTES:

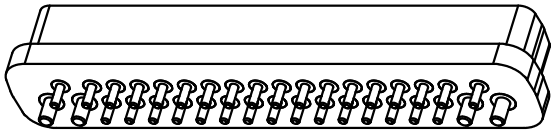
1. Electrical
   .Rated Current & Voltage : DC 12 V ; 2.0A（大PIN）, 1.0A（小PIN）
   .Contact Resistance: 50 mohm maximum
   at Working Height(Quiescence)
2. Mechanical
   .Full store: 1.50 mm
   .Working Store: 1.10 mm
   .Spring Force: 30gf±20%gf at Working Height（小PIN）
   .Spring Force: 60gf±20%gf at Working Height（大PIN）
   .Durability:10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: -30°C~+80°C
   .Humidity Range: 10%RH~90%RH
   .Salt Spray: 48 Hours
4. When the current is greater than 1A then need to increase the time delay circuit(3 second)
5. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
6. To ensure the best usage,please operate it based on the working height.
7 .RoHs&HF compliant product.











DRAWN	lys	DATE	2022.04.08		DongGuan SUNMON Electronics Co., Ltd.
CHECKED		SCALE	10:1	VER. B.0	
APPROVED		TITLE	pogo pin connector.		Ang: 0 ±1° .0 ±0.5° .00 ±0.25° / Dim: 0 ±0.20 .0 ±0.15 .00 ±0.10
PROJECT		DRAWING NO.	PPM.37-995-0502		
SHEET	1 of 1	UNIT	mm		

VER.	DESCRIPTION	ECN NO.	DATE