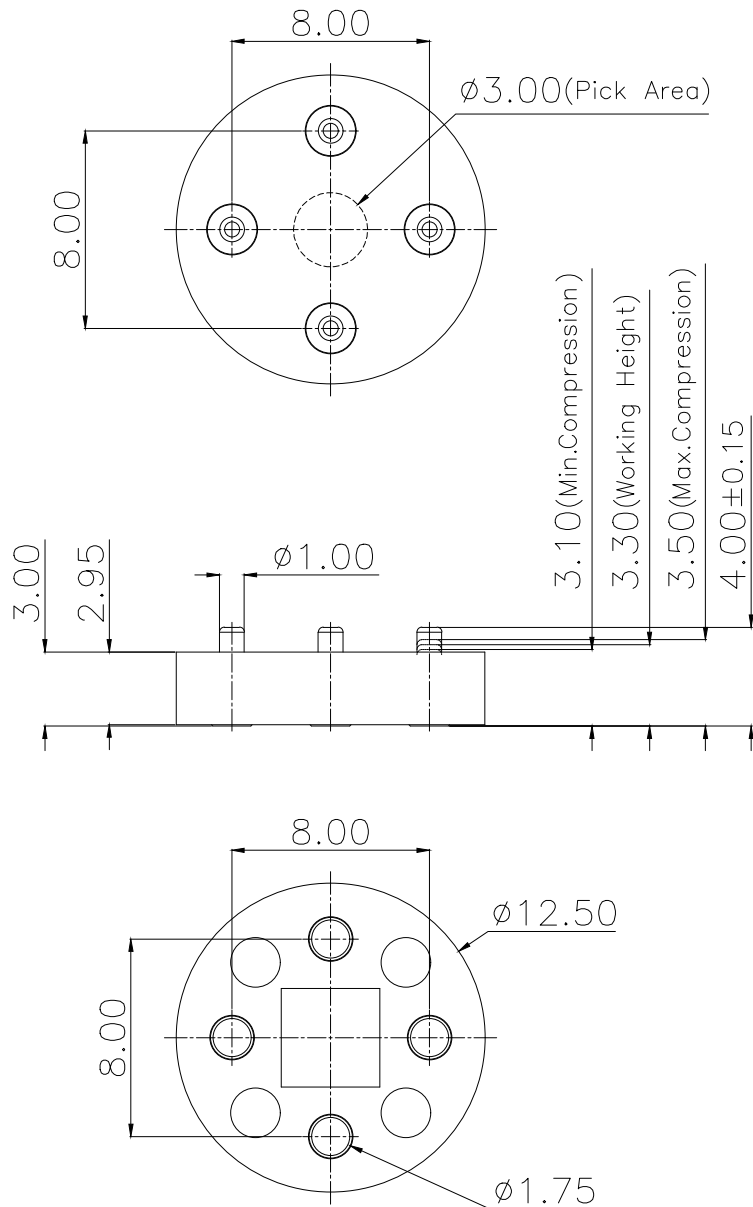
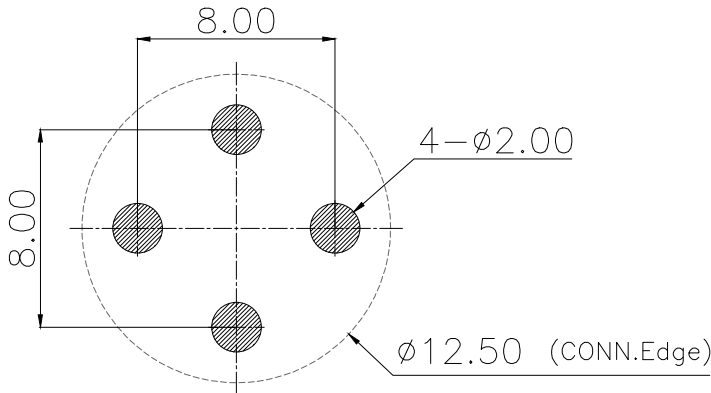


Please Approve this Drawing	
Date	
Signature	



N0.	Part Nome	Q'TY	Material	Plated surface
1	Plunger	4	HBi59	AU 5 U" MIN OVER 50~120 U" NI
2	Barrel	4	HBi59	AU 3 U" MIN OVER 50~120 U" NI
3	Sleeve	4	HBi59	AU 3 U" MIN OVER 50~120 U" NI
4	Spring	4	SUS 304	AU 1U" MIN OVER 50~120 U" NI
5	Housing	1	High temp.Plastic; UL94 V-0	Color Black

- NOTES:
- Electrical
 - .Rated Current & Voltage : DC 12 V ; 2.0A Max.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
 - Mechanical
 - .Pin Spring Force: 40gf±15gf at 3.30mm 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.



RECOMMEND PCB LAYOUT (TOP VIEW)
TOLERANCE ±0.05mm

DRAWN	Devin	DATE	2022.04.02			 Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER.	A.0		
APPROVED		TITLE	Pogo Pin CONNECTOR			Ang:	Dim:
PROJECT		DRAWING NO.	NC4583-04RA			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