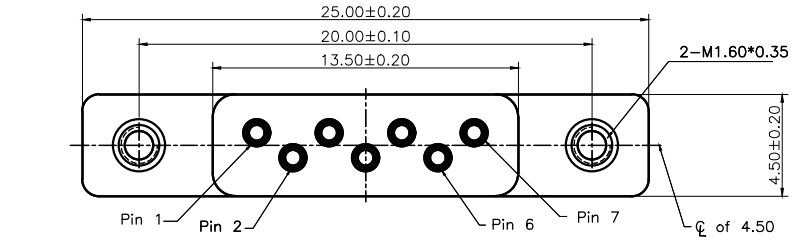
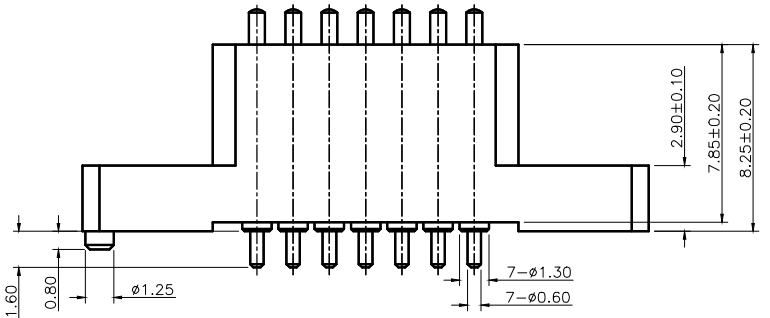
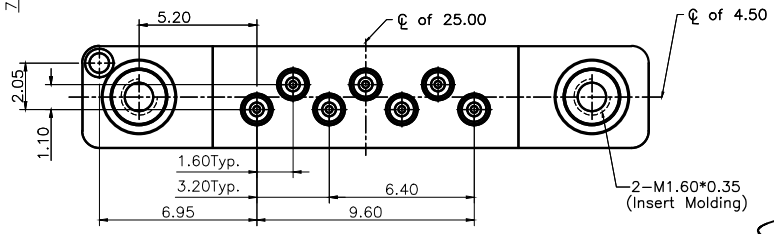
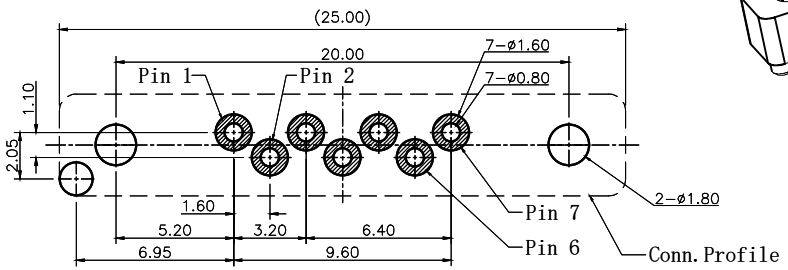
Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	7	HBi59	Au 0.75um MIN OVER 1.25um~3um Ni
2	Barrel	7	HBi59	Au 0.25um MIN OVER 1.25um~3um Ni
3	Spring	7	SUS 304	N/A
4	Ball	7	SUS 304	Au 0.025um MIN OVER 1.25um~3um Ni
5	Nut	2	Brass	Ni 1.25um~3um
6	Housing	1	PA9T ROHS	



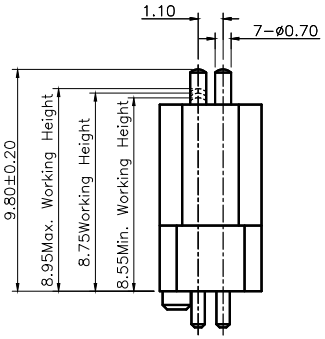






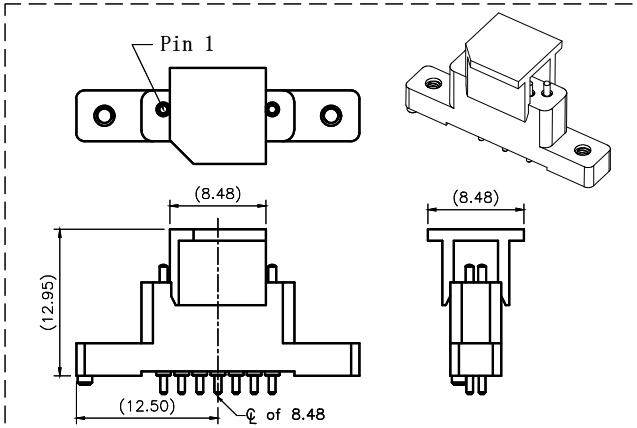
Recommended P.C.B Layout THK:1.20mm

Tolerance:±0.05mm



NOTES:

1. Electrical
   .Rated Current & Voltage : DC 30 V ; 4.0A Max.
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Spring Force: 95gf±20gf at 8.75mm Working Height
   .Durability:20,000 cycles(minimum)
   .Nut Retention Force: 1.0kgf Min.
   .Nut Torque Force: 1.20kgf-cm
3. Environmental
   .Operating Temperature: -25°C~+85°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.



WITH CAP

VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	WXH	DATE	2021.11.17	Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER.	C.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.	NC3298-07RC		
SHEET	1 of 1	UNIT	mm		