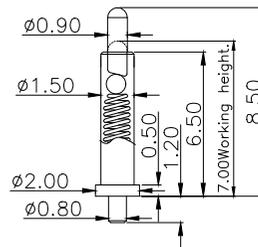
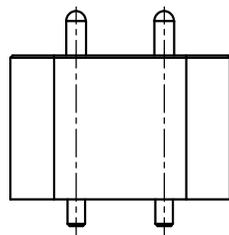
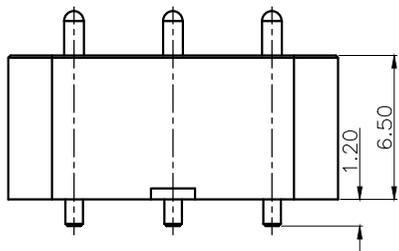
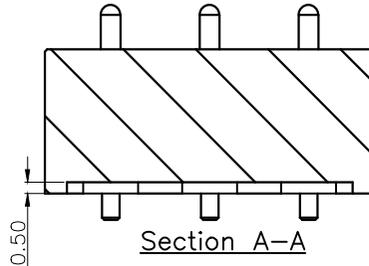
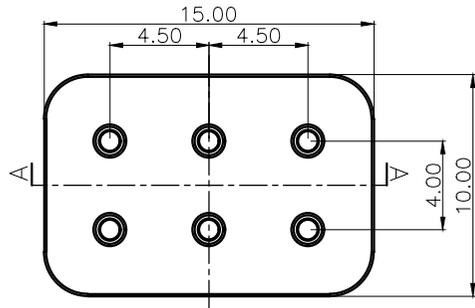


Please Approve this Drawing

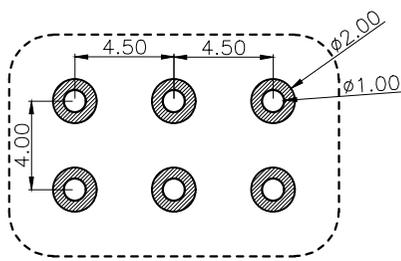
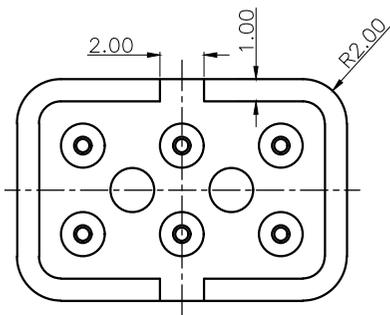
Date _____

Signature _____

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	6	Brass	Au 10u" Min. OVER 50 U" Min. NI
2	Barrel	6	Brass	Au 5u" Min. OVER 50 U" Min. NI
3	Spring	6	SUS304	/
4	Ball	6	Brass	Au 5u" Min. OVER 50 U" Min. NI
5	Housing	1	HTN	UL94 V-0 Color Black

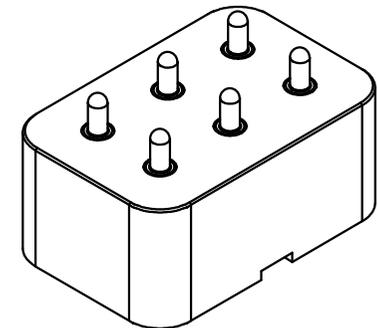
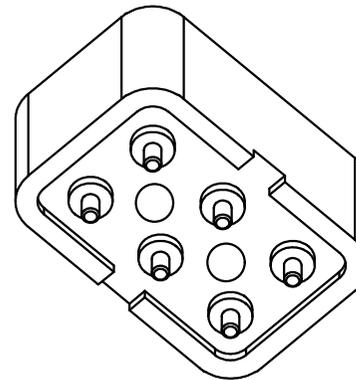


PoGo Pin



Recommended P.C.B Layout
Tolerance: ± 0.05

- Notes:
- Electrical Performance:
Current & Voltage: DC 20V/5.0A max.
Contact Resistance: 50m Ω max. at working height.
 - Mechanical Performance:
Full store: 2.00mm.
Working store: 1.50mm.
Spring force: 50~70gf at normal working height.
Contact Retention force: 300gf/Per Pin min.
Durability: 10,000 cycles min.
 - Environmental Performance:
Operating temperature: -35°C~+105°C
Humidity range: 10%RH~90%RH,
Salt Spray: 48H.
 - When the current is greater than 1A then need to increase the time delay circuit (3 seconds).
 - 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.
 - The peak temperature on board shall be maintained for 10 seconds at 260 $\pm 5^\circ$ C.
 - All parts RoHS and Reach compliant.



3D View

DRAWN	lys	DATE	2020.03.17			 Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER.	B.0	
APPROVED		TITLE	pogo pin connector.			Ang:
PROJECT		DRAWING NO.	C1698-06R			0 $\pm 1^\circ$
SHEET	1 of 1	UNIT	mm			.0 $\pm 0.5^\circ$
						.00 $\pm 0.25^\circ$
						Dim: 0 ± 0.30
						.0 ± 0.20
						.00 ± 0.10

VER.	DESCRIPTION	ECN NO.	DATE