

Please Approve this Drawing

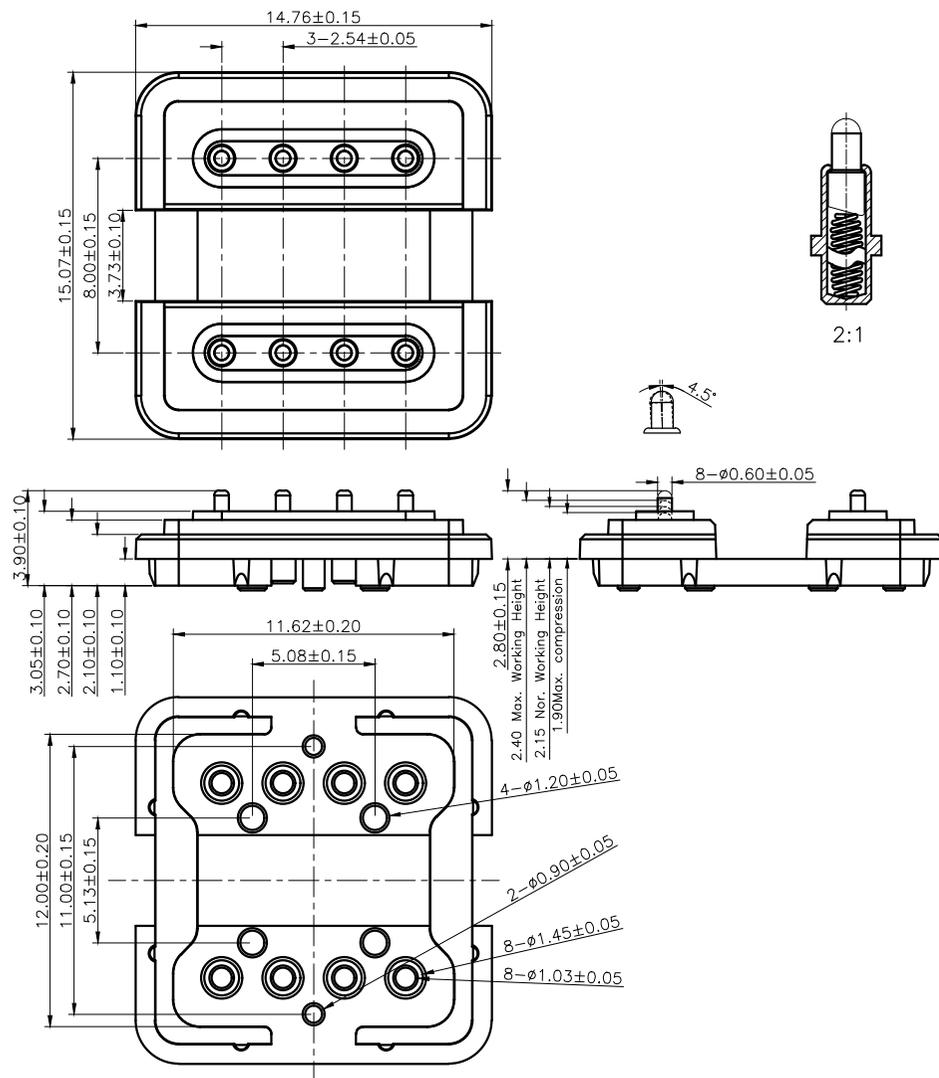
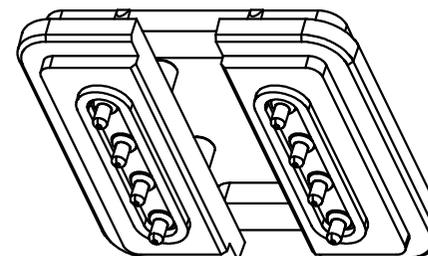
Date

Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	8	HBI59	Au 4u" Min. OVER 50~120 U" NI
2	Barrel	8	HBI59	Au 4u" Min. OVER 50~120 U" NI
3	Spring	8	SUS 304	Au 1u" Min. OVER NI
4	Housing	1		ABS

NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 1.0A
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 0.90 mm
 - .Working Store: 0.65 mm
 - .Spring Force: 35gf+5/-8gf at Working Height
 - .Durability:50,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -30°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.
- Plating measure point:
 - Plunger: 1mm distance from plunger top if plunger length is more than 2mm, or 1/2 distance of plunger length
 - Barrel: 1mm distance from barrel tube.
- RoHs&HF compliant product.



DRAWN	LX	DATE	2022.04.07		 Dongguan Promax Electronics Technology Co., Ltd
CHECKED	Lys	SCALE	10:1	VER. A.0	
APPROVED	Tonny	TITLE	PoGo Pin connector		Ang:
PROJECT		DRAWING NO.	NC4592-08PA		0 ±1°
SHEET	1 of 1	UNIT	mm		.0 ±0.5°
					.00 ±0.25°
					0 ±0.15
					.0 ±0.10
					.00 ±0.05

VER.	DESCRIPTION	ECN NO.	DATE
A.0	NEW RELEASE		