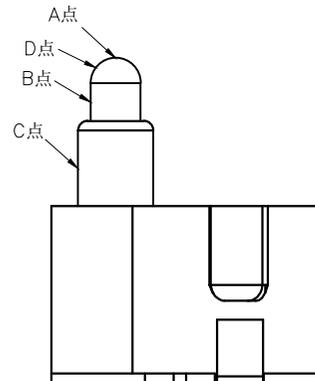
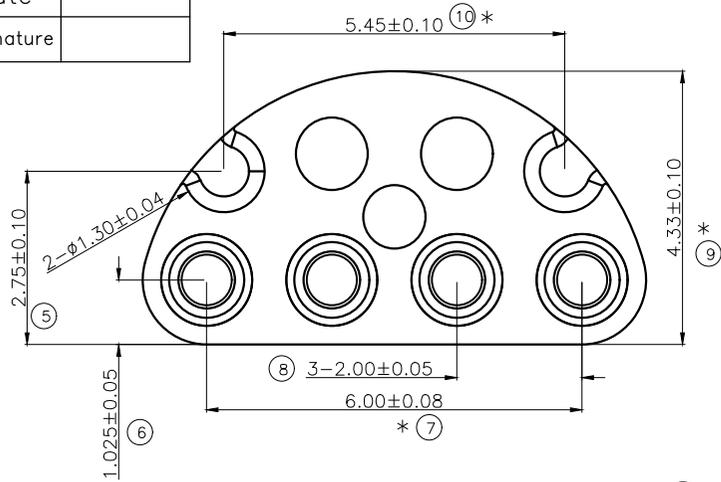


Please Approve this Drawing

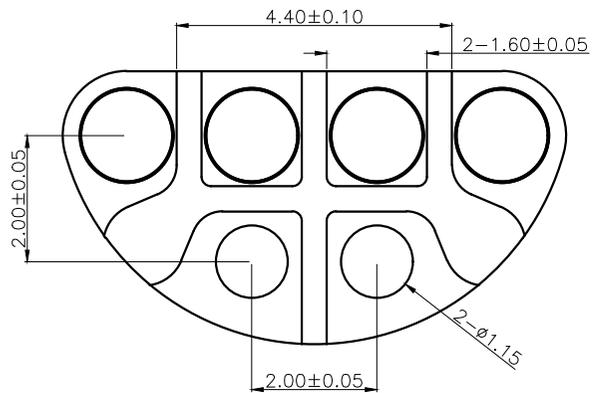
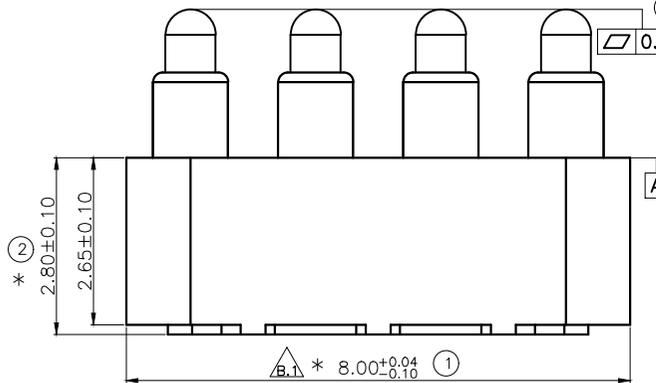
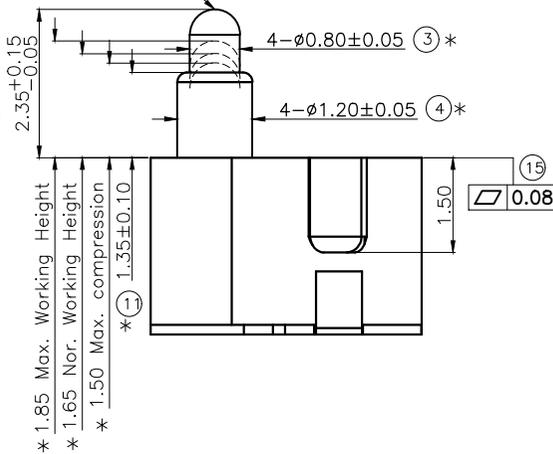
Date

Signature



Film thickness test point

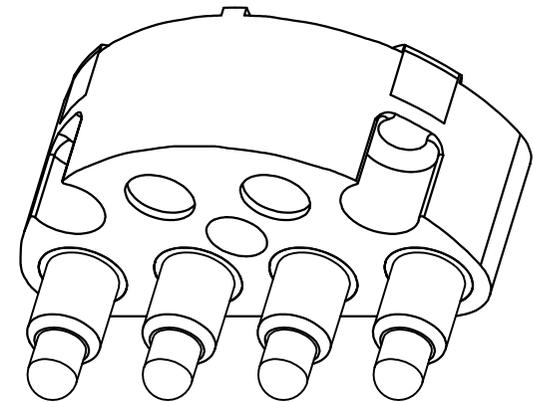
L 0.05 A (14)



NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	C6801	Au 30u" Min. OVER 50~120 U" NI
2	Barrel	1	C6801	Au 5u" Min. OVER 50~120 U" NI
3	Spring	1	SUS 304	/
4	Housing	1	LCP, COLOR BLACK	

NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 3.0A
 - .Contact Resistance: 20 mohm maximum at Working Height(Quiescence)
 - .Insulation Resistance: 50MΩ Min. at 500VDC/Minute
 - .Dielectric Withstanding Voltage: At 300VAC/Minute No Breakdown
- Mechanical
 - .Spring Force: 50gf Min. at Max. Working Height
 - .Spring Force: 90±20gf at Nor. Working Height
 - .Spring Force: 140gf Max. at Max. Compression
 - .Durability:20,000 cycles(minimum)
 - .Contact Retention Force:3Kgf/PIN Min.
- 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.
- .RoHs&HF compliant product.
- Mark * is major dimension.
- Mark ○ is for FAI (first article inspection) purpose only.



DRAWN	tony	DATE	2021.08.13		Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER. B.1	
APPROVED		TITLE	pogo pin		Ang:
PROJECT		DRAWING NO.	NC2180-04		0 ±1°
SHEET	1 of 1	UNIT	mm		.0 ±0.5°
					.00 ±0.25°
					Dim: 0 ±0.15
					.0 ±0.10
					.00 ±0.05

B.1	8.00±0.02 CHANGE TO 8.00±0.04	ECN-20210813-1	2021.08.13
B.0	FIRST RELEASE	ECN-20210220-1	2021.02.20
VER.	DESCRIPTION	ECN NO.	DATE