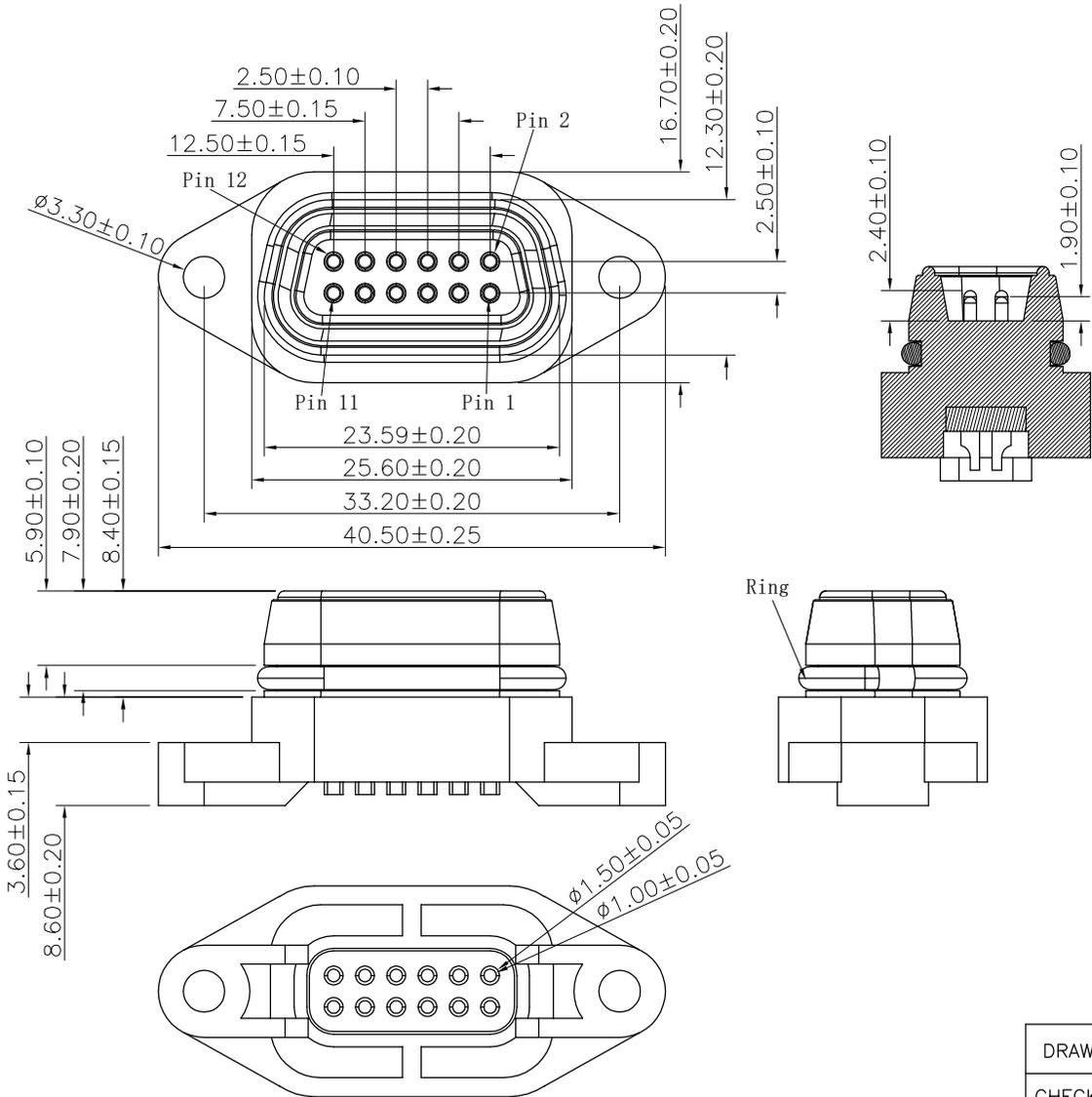


Please Approve this Drawing

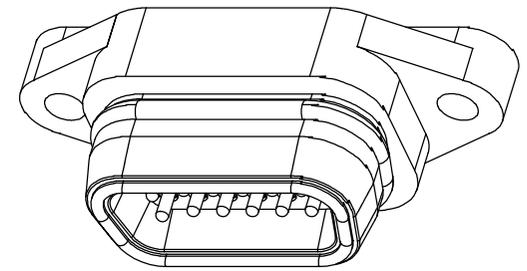
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface	
A.0	1	Plunger	12	HB159	Au 30u" Min. Over 50~120u" Ni
A.0	2	Barrel	12	HB159	Au 30u" Min. Over 50~120u" Ni
	3	Spring	12	SUS	N/A
	4	Housing	1	PEEK(Black)	N/A
	5	Ring	1	Silicone	N/A
	6	Glue	1	Waterproof glue	N/A



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 15 V ; 1.0A
 - .Contact Resistance:50 mohm maximum at Working Height(Quiescence)
 - .Insulation Resistance: 1000MΩ Min. at 1000VDC/Minute
 - .Dielectric Withstanding Voltage: At 500VAC/Minute No Breakdown
- Mechanical
 - .Full store: 2.40 mm(Pin1~Pin2)
 - .Full store: 1.90 mm(Pin3~Pin12)
 - .Spring Force : 70gf±20gf at 2.10mm Working Store(Pin1~Pin2)
 - .Spring Force : 70gf±20gf at 1.60mm Working Store(Pin3~Pin12)
 - .Durability:10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -20°C~+80°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.



VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	Kevin	DATE	2021.07.14		Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER. A.0	
APPROVED		TITLE	pogo pin connector.		Ang:
PROJECT		DRAWING NO.	NC1905-12PA		0 ±1°
SHEET	1 of 1	UNIT	mm		.0 ±0.5°
					.00 ±0.25°
					Dim: 0 ±0.15
					.0 ±0.10
					.00 ±0.05