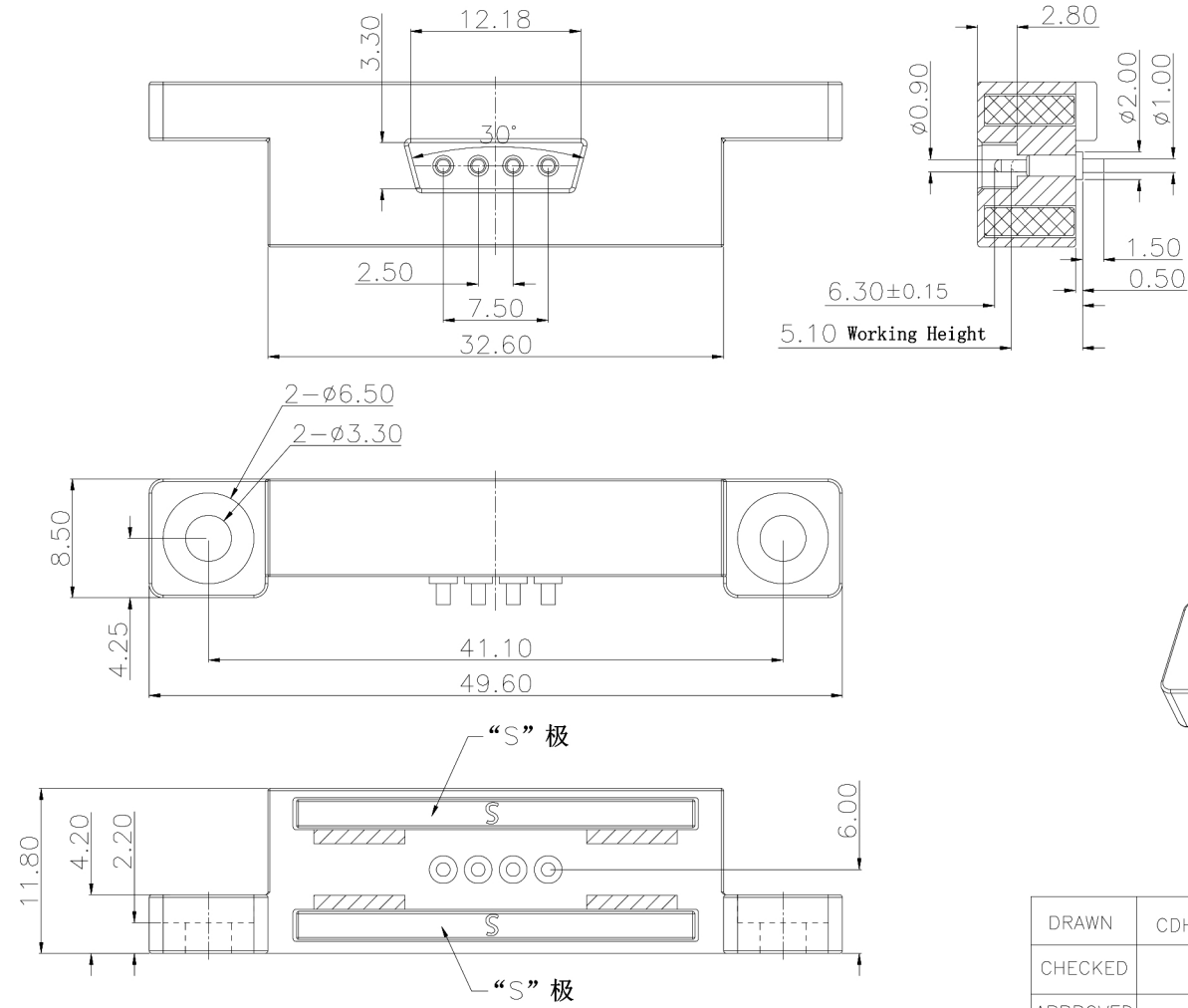


Please Approve this Drawing

Date

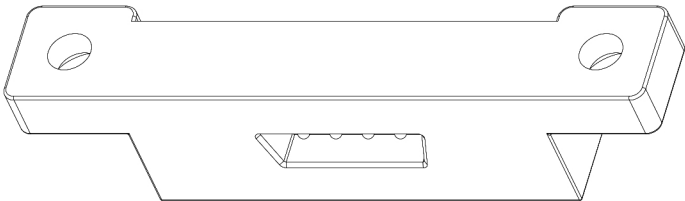
Signature



VER.	DESCRIPTION	ECN NO.	DATE

N0.	Part Nome	Q'TY	Material	Plated surface
1	Plunger	4	无铅铜	AU 10 U" MIN OVER 50~100 U" NI
2	Barrel	4	无铅铜	AU 5 U" MIN OVER 50~100 U" NI
3	Spring	4	SUS304	/
4	Magnet	2	N52	100U" Ni MIN.
5	Housing	1	High Temperature Plastics	UL 94V-0, Black

- NOTES:
- Electrical  
.Rated Current & Voltage : DC 12 V ; 2 A  
.Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
  - Mechanical  
.Working Store: 1.60 mm  
.Spring Force: 120gf±25gf at Normal Working Height  
.Durability:20,000 cycles(minimum)
  - Environmental  
.Operating Temperature: -25°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.

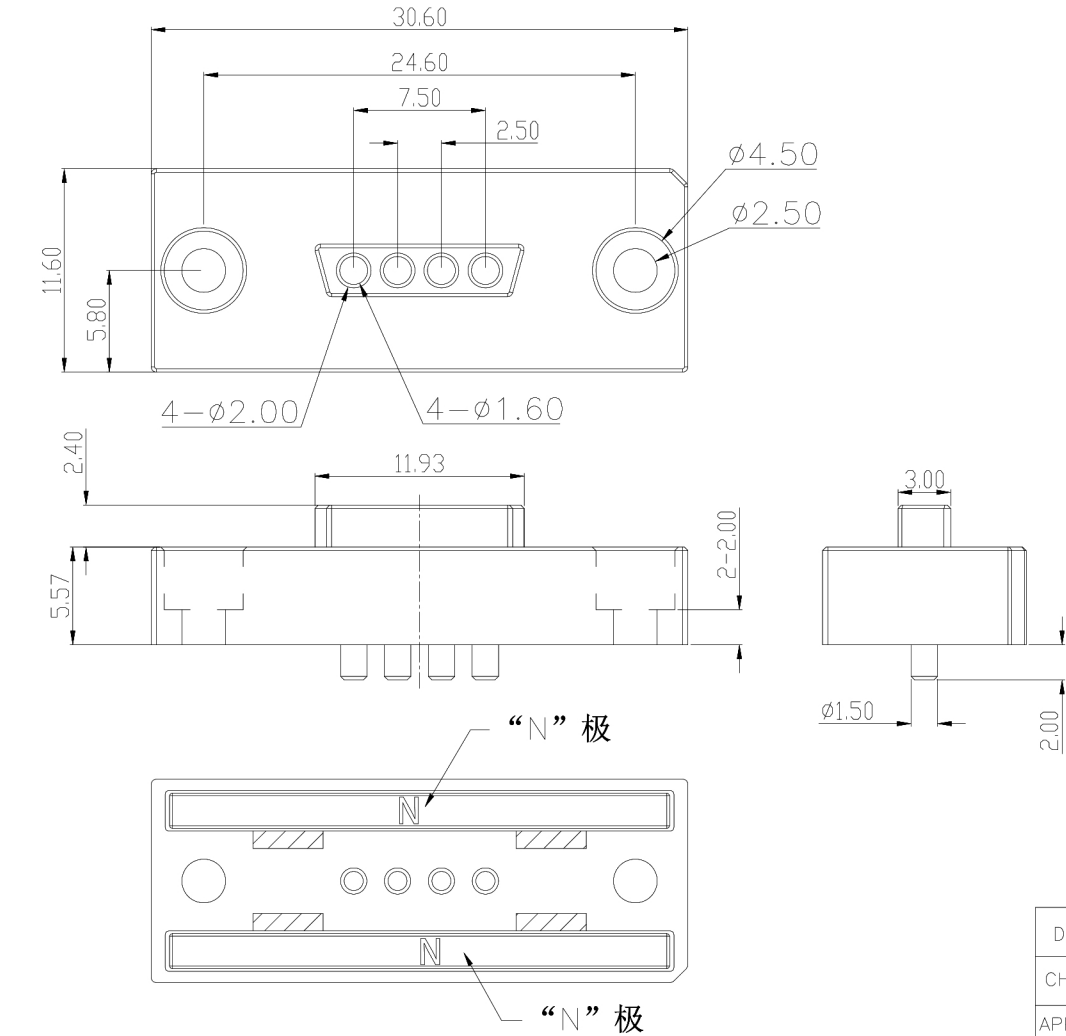


DRAWN	CDH	DATE	2023.06.13			DongGuan SUNMON Electronics Co., Ltd.	
CHECKED		SCALE	10:1	VER.	A.0		
APPROVED		TITLE	4pin male connector.			Ang:	Dim:
PROJECT		DRAWING NO.	PPM.04-6103-1002			0 ±1°	0 ±0.20
SHEET	1 of 1	UNIT	mm			.0 ±0.5°	.0 ±0.15
						.00 ±0.25°	.00 ±0.10

Please Approve this Drawing

Date

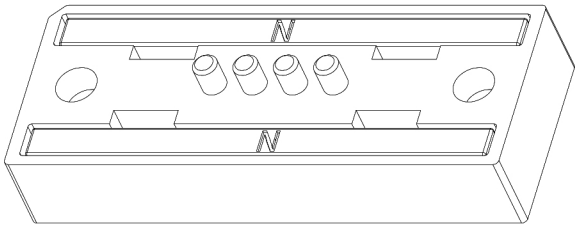
Signature



VER.	DESCRIPTION	ECN NO.	DATE

N0.	Part Nome	Q'TY	Material	Plated surface
1	PIN	4	无铅铜	AU 5 U" MIN OVER 50~100 U" NI
2	Magnet	2	N52	100U" Ni MIN.
3	Housing	1	High Temperature Plastics	UL 94V-0, Black

- NOTES:
- Electrical  
.Rated Current & Voltage : DC 12 V ; 2 A  
.Contact Resistance: 50 mohm maximum
  - Environmental  
.Operating Temperature: -25°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.



DRAWN	CDH	DATE	2023.06.13			DongGuan SUNMON Electronics Co., Ltd.	
CHECKED		SCALE	10:1	VER.	A.0		
APPROVED		TITLE	4pin female connector.			Ang:	Dim:
PROJECT		DRAWING NO.	PPF.04-6103-1002			0 ±1°	0 ±0.20
SHEET	1 of 1	UNIT	mm			.0 ±0.5°	.0 ±0.15
						.00 ±0.25°	.00 ±0.10