

Notes:

1. Material:

NdFeB magnet

Housing: HTN+30% UL94 V-0

Brass: C3604 Plating Gold plated over Nickel 3U Gold Plated

2. Electrical

2.1 Current rated:5.0A per pin

2.2 Voltage rated: 12 V

2.3 80+/-20g Working @ 1.0mm stroke

2.4 Contact Resistance: 50m Ohm Max

Per (Pin)

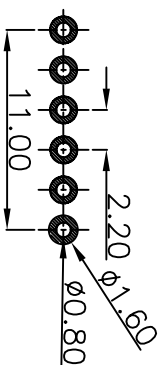
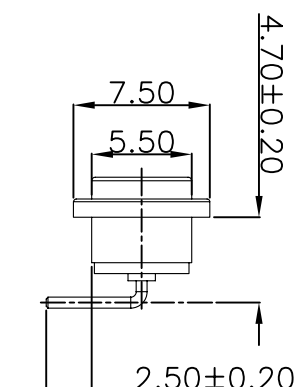
2.5 AC1000V 0.5mA 3 Sec/

DC1000V 0.5mA 3 Sec

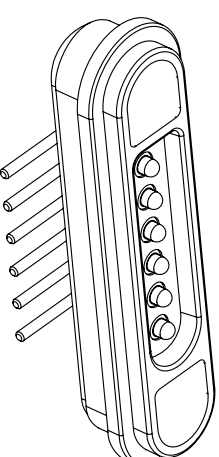
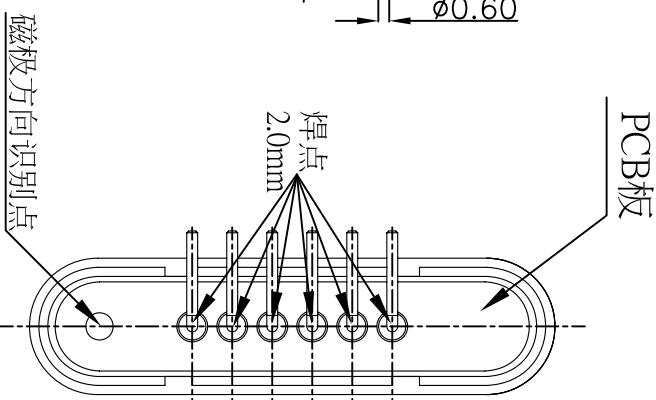
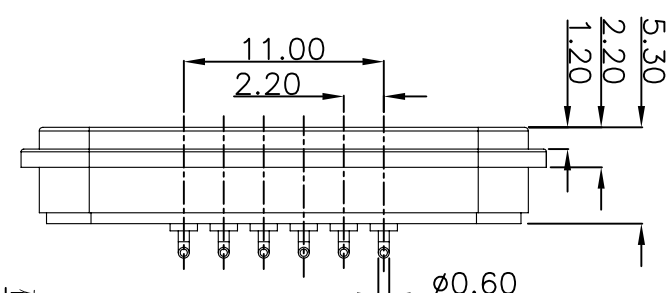
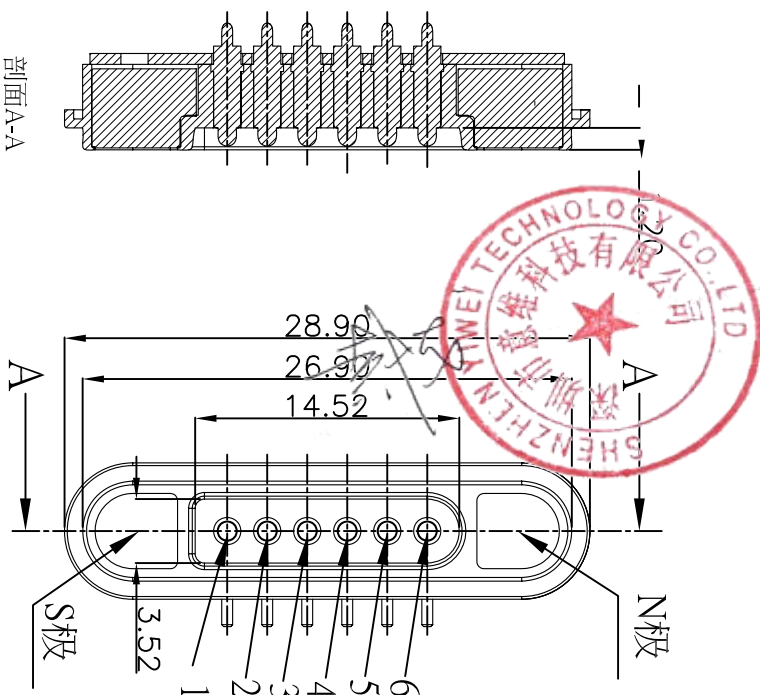
2.6 Life time: 50000 cycles

3. Magnetic Force: Above 400g

4. RoHS Reach CP65 compliant



Recommended pcb layout  
Layout tolerance: ±0.05mm



SHENZHEN YIWEI TECHNOLOGY CO.,LTD

Title: 6pin Magnet Connector  
Part NO: MG0622M-RA

| Nuits: mm  | Tolerance  | Drawn:                                              |
|------------|------------|-----------------------------------------------------|
| Scale: 1:1 | 0~6 ±0.05  | Checked:                                            |
| Size: A4   | 7~50 ±0.10 | Approved:                                           |
| Sheet: 1/1 | >50 ±0.20  | Other tolerance unless otherwise noted (其他公差除非另有说明) |
| Porj:      | Angle: ±2° |                                                     |