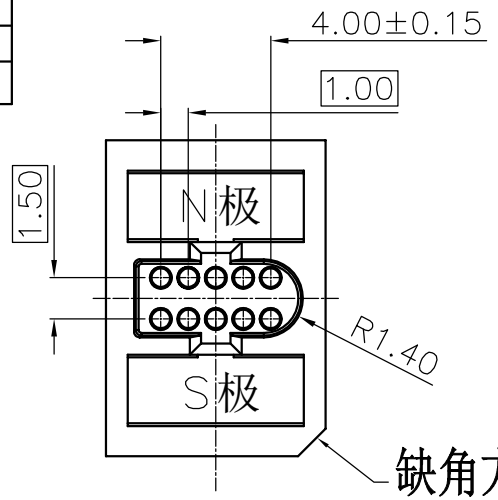
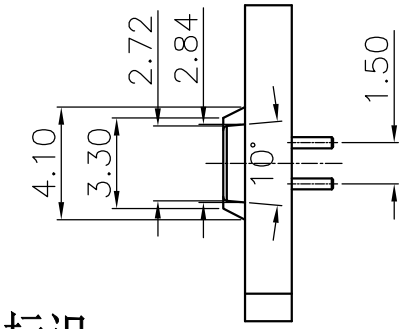
| Please Approve this Drawing | |
|---|---|
| Date | |
| Signature | |

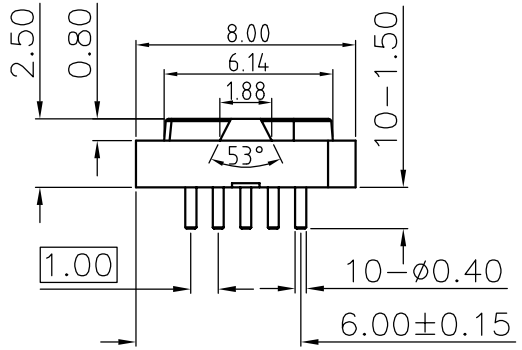
| NO. | Part Nome | Q'TY | Material | Plated surface |
|---|---|---|---|---|
| 1 | PIN | 10 | brass | AU 5 U" MIN OVER 50~100 U" NI |
| 2 | Magnet | 2 | N52 | 100U" Ni MIN. |
| 3 | Housing | 1 | High Temperature PlasticsUL 94V-0, BLACK | |

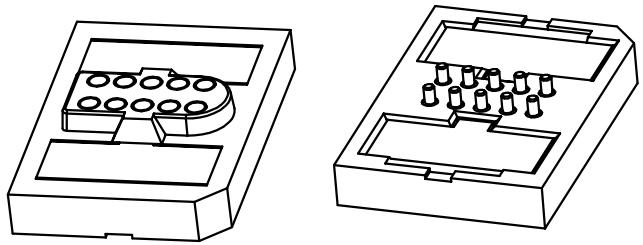


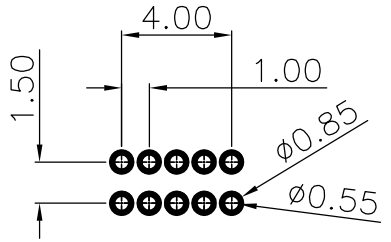




NOTES:

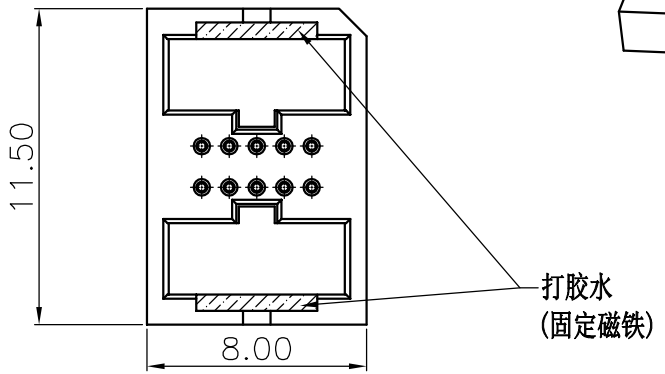
1. Electrical
   .Rated Current & Voltage : DC 12 V ; 2 A
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Durability:10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: −25°C~+85°C
   .Humidity Range: 10%RH~90%RH
   .Salt Spray: 48 Hours
4. When the current is greater than 1A then need to increase the time delay circuit(3 second)
5. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
6. To ensure the best usage,please operate it based on the working height.
7. .RoHs&HF compliant product.






RECOMMEND PCB LAYOUT(THK=1.60mm)
TOLERANCE ±0.05mm




| DRAWN | Devin | DATE | 2022.08.04 | Dongguan Promax Electronics Technology Co., Ltd |
|---|---|---|---|---|
| CHECKED | | SCALE | 10:1 VER. A.0 | |
| APPROVED | | TITLE | pogo pin connector. | Ang: 0 ±1° .0 ±0.5° .00 ±0.25° Dim: 0 ±0.20 .0 ±0.15 .00 ±0.10 |
| PROJECT | | DRAWING NO. | NF4812-10PA | |
| SHEET | 1 of 1 | UNIT | mm | |

| VER. | DESCRIPTION | ECN NO. | DATE |
|---|---|---|---|
| | | | |