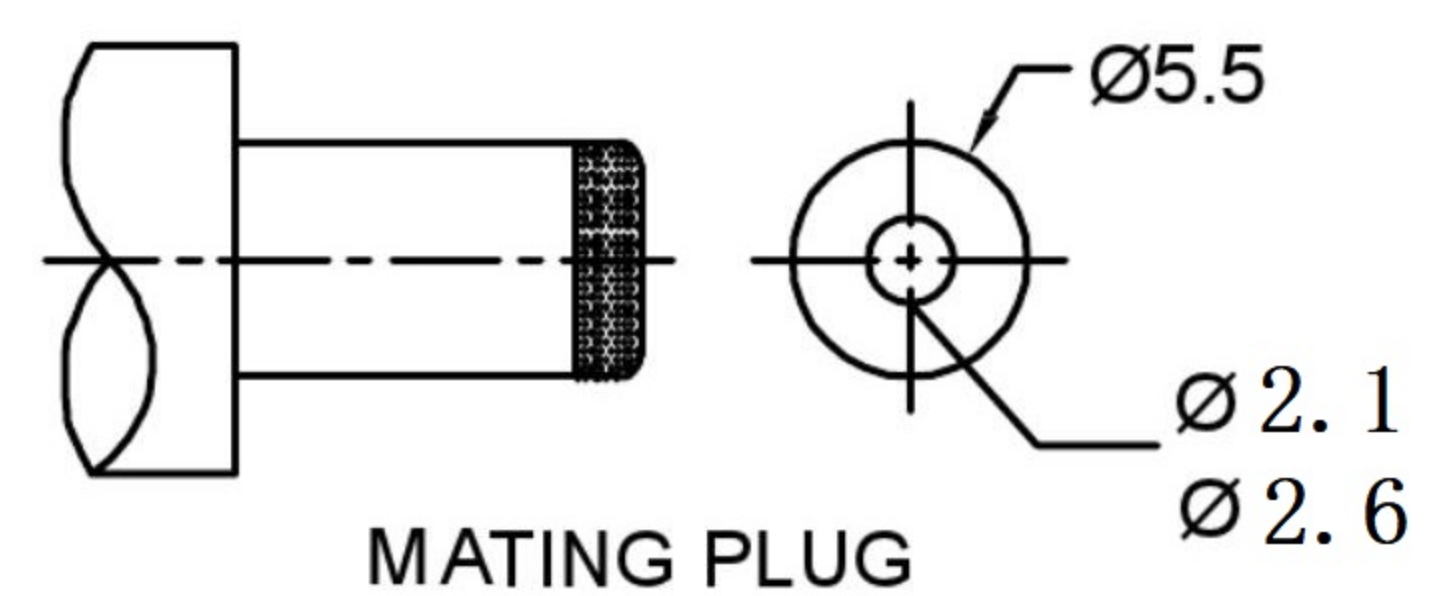


**SPECIFICATION**

1. Rating : DC 12V 30V , 50A 10A
2. Contact resistance :  $\leq 30m\Omega$
3. Insulation resistance :  $\geq 100M\Omega$
4. Withstand voltage : 500VAC
5. Insertion and extraction force : 3-20N
6. life test : 5,000 cycles

|            |  |        |
|------------|--|--------|
| SCHEMATIC  |  | 3      |
| CENTER PIN |  | 1/2    |
|            |  | Ø2.0mm |
|            |  | Ø2.5mm |



| NO. | DESCRIPTION  | QTY | MATERIAL        | PLATING    |
|-----|--------------|-----|-----------------|------------|
| ⑥   | COVER        | 1   | PF              |            |
| ⑤   | CONTACT FOOT | 1   | BRASS           | Sn-Plating |
| ④   | PIN          | 1   | BRASS           | Ni-Plating |
| ③   | SPRING       | 1   | PHOSPHOR BRONZE | Sn-Plating |
| ②   | FLAT PIECE   | 1   | BRASS           | Sn-Plating |
| ①   | HOUSING      | 1   | PBT             |            |



TOLERANCE UNLESS OTHERWISE STATED :  
 Up to 5 ±0.2  
 Above 5 ~ 15 ±0.3  
 Above 15 ~ 30 ±0.4  
 Above 30 ~ 50 ±0.5  
 Angle ±0.3°

3RD. ANGEL'S

UNITS MM

|               |        |          |         |            |
|---------------|--------|----------|---------|------------|
| DRAWN BY:     | DATE   | MAT'L    | TITLE   | JACK       |
| Ming Ming Zou | 6/8/23 |          |         |            |
| CHECKED BY:   | DATE   | FINISH   | MODLE   | DC JACK    |
| Ning Ning Su  | 6/8/23 |          |         |            |
| APPROVED BY:  | DATE   | SCALE    | DWG NO. | XB-DC-083T |
| Jia Xiang     | 6/8/23 | 1:1      |         |            |
| SHEET NO.     | 1 of 1 | PART NO. |         |            |

| ITEM NO. | DESCRIPTION | DRAWN | DATE   |
|----------|-------------|-------|--------|
| 4        | 更新材質        | Jack  | 050420 |
| 3        | 更新尺寸        | Jack  | 121119 |
| 2        | 更新尺寸標示位置    | Jack  | 082719 |
| 1        | 更新尺寸        | Jack  | 080519 |