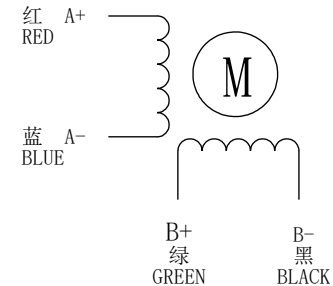
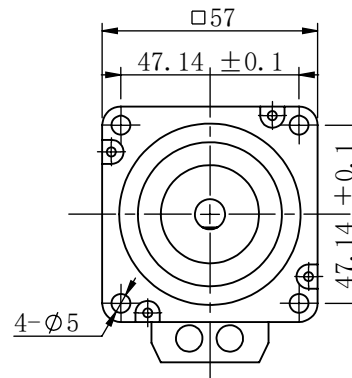
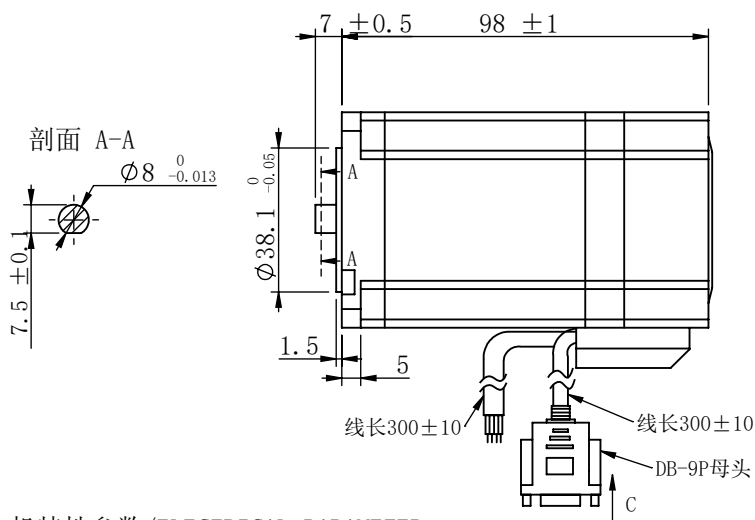


图号/DWG NO.  
57HTM76D-D0807-009



| 1000线光电编码器出线定义 |     |     |    |     |     |    |    |    |    |
|----------------|-----|-----|----|-----|-----|----|----|----|----|
| 序号             | 1   | 2   | 3  | 4   | 5   | 6  | 7  | 8  | 9  |
| 定义             | EA+ | EA- | NC | EB+ | EB- | NC | NC | 5V | GN |
| 线色             | 棕   | 白   | \  | 绿   | 黄   | \  | \  | 红  | 蓝  |

|   |   |
|---|---|
| 步 距 角/STEP ANGLE                          | 1.8° ±5%                                      |
| 相 数/NO. OF PHASES                         | 2   |
| 额定电压/RATED VOLTAGE                        | 3.0V  |
| 额定电流/RATED CURRENT                        | 5.0A  |
| 电 阻/RESISTANCE                            | 0.60ohm±10%    AT25℃                          |
| 电 感/INDUCTANCE                            | 2.44mH±20%    AT 1kHz, 1Vrms                  |
| 保持力矩/HOLDING TORQUE                       | 2.3N. m                                       |
| 运行力矩/(AT —PPS)<br>RUNNING TORQUE(AT —PPS) | ——以上/MIN<br>(——V. DC, ——A/相(PHASE), ——相励磁/EX) |
| 绝缘耐压/DIELECTRIC STRENGTH                  | 500V A.C 1分钟/MINUTE                           |
| 绝缘电阻/INSULATION RESISTANCE                | 100MΩ 以上/MIN.                                 |
| 绝缘等级/INSULATION CLASS                     | CLASS B                                       |
| 温度上升/TEMPERATURE RISE                     | 80K MAX.                                      |
| 转子惯量/ROTOR INERTIA                        | 460g. cm <sup>2</sup>                         |
| 重 量/WEIGHT                                | 约/APPROX. 1158克/g                             |
| 允许轴向负载/ALLOWABLE THRUST LOAD              | 5N  |
| 允许径向负载/ALLOWABLE RADIAL LOAD              | 25N(轴端/ON THE SHAFT END)                      |
| 运行环境温度/OPERATION AMBIENT TEMP.            | -20℃——+50℃                                    |
| 运行环境湿度/OPERATION AMBIENT HUM.             | 15%——90%                                      |

励磁顺序 (2相励磁) VS. 旋转方向  
EXCITING SEQUENCE (TWO PHASES)  
VS. DIRECTION OF ROTATION


| STEP | A+ | B+ | A- | B- |
|------|----|----|----|----|
| 1    | +  | +  | -  | -  |
| 2    | -  | +  | +  | -  |
| 3    | -  | -  | +  | +  |
| 4    | +  | -  | -  | +  |

CW (Clockwise) is indicated by a downward arrow on the left, and CCW (Counter-clockwise) is indicated by an upward arrow on the right.

从安装面看为顺时针方向  
CLOCKWISE VIEW FROM MOUNTING SIDE

1. 额定电流, 两相同时通电/AT RATED CURRENT, TWO PHASES ON.  
2. 热阻法: 电机安装在84\*84\*15的铝板上, 电机线圈两端通额定电压, OPSS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*15  
3. 寿命测试条件: 整步, 运行速度为500PPS, 轴承的表面温度不超过70° C  
LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70° C MAX.

已受控

|   |  |          |  |            |               |                 |                      |                               |          |            |      |   |  |
|---|--|----------|--|------------|---------------|-----------------|----------------------|-------------------------------|----------|------------|------|---|--|
| CONFIRMED&ACCEPTED BY CUSTOMER<br>(客户确认&接受) |  |          |  |            |               |                 |                      |                               |          |            |      |   |  |
| COMPANY CHOP&SIGNATURE<br>(盖章&签名)           |  |          |  |            |               |                 |                      |                               |          |            |      |   |  |
|   |  |          |  |            |               |                 |                      |                               |          |            |      |   |  |
|   |  |          |  |            |               |                 |                      |                               |          |            |      |   |  |
| 一般公差<br>TOLERANCE                           |  | ±0.3/±3° |  | 版本<br>REV. | 年 月 日<br>DATE | 变更番号<br>ECR NO. | 变 更 内 容<br>REVISIONS |                               | 设计<br>BY | 备注 NOTE    | REV. | A   |  |
| 设计/DESIGNED                                 |  | 36 7 480 |  |            |               | 比例<br>SCALE     |                      | 型 号/MODEL<br><br>57AM23ED-JSJ |          |            |      | 三维图<br>THIRD ANGL<br>PROJECTION   |  |
| 审核/CHECKED                                  |  |          |  |            |               | 单位<br>UNIT      | mm                   |                               |          |            |      |  |  |
| 深圳锐特机电技术有限公司                                |  |          |  |            |               |                 |                      |                               |          | 页<br>SHEET | 1/1  |   |  |