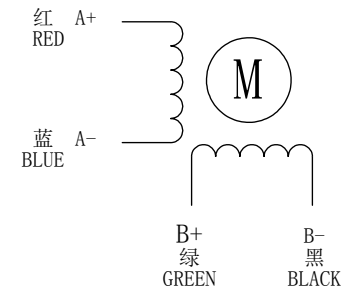


接线图/WIRING DIAGRAM



电机特性参数/ELECTRICAL PARAMETER

|  |  |
|--|--|
| 步距角/STEP ANGLE                             | 1.8° ± 5%                                    |
| 相数/NO. OF PHASES                           | 2  |
| 额定电压/RATED VOLTAGE                         | 4.3V   |
| 额定电流/RATED CURRENT                         | 5.0A   |
| 电阻/RESISTANCE                              | 0.86ohm ± 10% AT 25°C                        |
| 电感/INDUCTANCE                              | 3.47mH ± 20% AT 1kHz, 1Vrms                  |
| 保持力矩/HOLDING TORQUE                        | 4.0N.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                         | 880g.cm <sup>2</sup>                         |
| 重量/WEIGHT                                  | 约/APPROX. 2050克/g                            |
| 允许轴向负载/ALLOWABLE THRUST LOAD               | 5N   |
| 允许径向负载/ALLOWABLE RADIAL LOAD               | 30N(轴端/ON THE SHAFT END)                     |
| 运行环境温度/OPERATION AMBIENT TEMP.             | -20°C——+50°C                                 |
| 运行环境湿度/OPERATION AMBIENT HUM.              | 15%——90%                                     |
| 寿命/LIFE                                    | 5000小时/HOURS                                 |

备注(NOTE):

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\*T5的铝板上, 电机线圈两端通额定电压, OPPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPPS, 2PHASE ON.
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.

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- |       |
| CW ↓ | 1    | +  | +  | -  | -  | ↑ CCW |
|      | 2    | -  | +  | +  | -  |       |
|      | 3    | -  | -  | +  | +  |       |
|      | 4    | +  | -  | -  | +  |       |

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

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                                 |          | 比例<br>SCALE |             | 型号/MODEL        |                   |          |            | 三维图<br>THIRD ANGLE<br>PROJECTION |   |
| 审核/CHECKED                                  |          | 单位<br>UNIT  | mm          | 60A4            |                   |          |            |                                  |   |
| 深圳锐特机电技术有限公司                                |          |             |             |                 |                   |          | 页<br>SHEET | 1/1                              |   |