



备注:用AHD8356AH驱动器测试,按A、B、C、D、E通电,电机逆时针旋转。

电气特性参数/ELECTRICAL PARAMETER

|                            |   |
|----------------------------|---|
| 步距角/STEP ANGEL             | 0.72° ±5%                                 |
| 相数/NO. OF PHASES           | 5   |
| 额定电压/RATED VOLTAGE         | 0.83 V                                    |
| 额定电流/RATED CURRENT         | 1.5 A                                     |
| 电阻/RESISTANCE              | 0.55 ohm±10% AT 25°C                      |
| 电感/INDUCTANCE              | 1.2 mH±20% AT 1KHz, 1Vrms                 |
| 保持力矩/HOLDING TORQUE        | 1.0 N.m Typ. (TWO PHASE ON/RATED CURRENT) |
| 绝缘耐压/DIELECTRIC STRENGTH   | 500V A.C 1分钟/MINUTE                       |
| 绝缘电阻/INSULATION RESISTANCE | 100 MΩ 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         | 380 g.cm <sup>2</sup>                     |
| 重量/WEIGHT                  | 0.45 Kg                                   |
| 电机环境温度/MOTOR AMBIENT TEMP. | -20°C—+50°C                               |
| 环境湿度/AMBIENT HUM.          | 15%—90%                                   |

铭牌/LABEL

备注/NOTE):

1. 额定电流, 两相通电/AT RATED CURRENT, TWO PHASE ON.
2. 热阻法: 电机安装在180\*180\*T5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 180\*180\*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPSS, 2PHASE ON.
3. 寿命测试条件: 整步, 运动速度为最大自启动频率, 轴承的表面温度不超过70°C LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT MAX. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70°C MAX.

|  |          |          |          |                      |          |         |                             |   |  |
|--|----------|----------|----------|----------------------|----------|---------|-----------------------------|---|--|
| CONFIRMED&ACCEPTED BY CUTOMER<br>(客户确认&接受) |          |          |          |                      |          |         |                             |   |  |
| COMPANY CHOP&SIGNATURE (盖章&签名)             |          |          |          |                      |          |         |                             |   |  |
| 一般公差<br>TOLERANCE                          | ±0.3/±3° | 版本REV.   | 日期 DATE  | 变更内容 REVISION RECORD | 设计 BY    | 备注 NOTE | REV.                        | A |  |
| 设计/DESIGNED                                | XU       | 20210420 | 比例 SCALE | 1:1                  | 型号/MODEL |         | 第一角画法<br>FIRST ANGLE METHOD |   |  |
| 审核/CHECKED                                 |          |          | 单位 UNIT  | mm                   | 60C1     |         |                             |   |  |
| 批准/APPROVE                                 |          |          |          |                      |          |         | SHEET 页 1 / 1               |   |  |