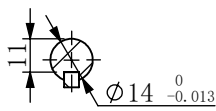
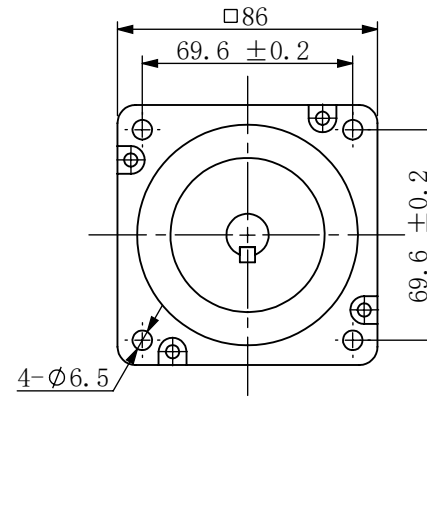
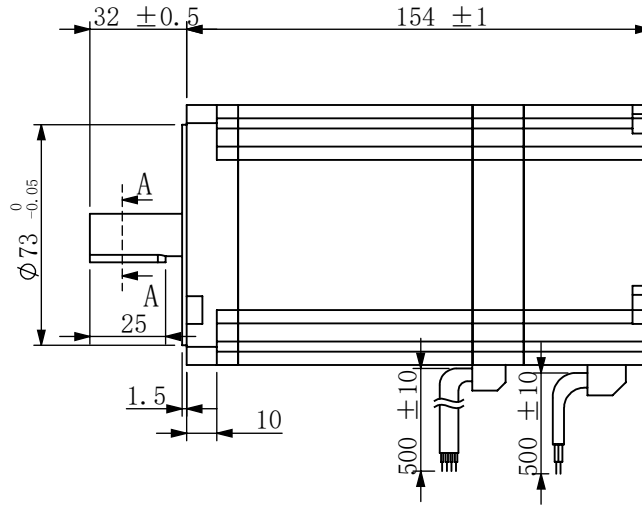


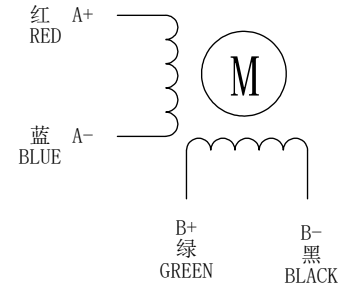
剖面 A-A



键: 5\*5\*25



接线图/WIRING DIAGRAM



电机特性参数/ELECTRICAL PARAMETER

|   |  |
|---|--|
| 步距角/STEP ANGL                             | 1.8° ±5%                                     |
| 相数/NO. OF PHASES                          | 2  |
| 额定电压/RATED VOLTAGE                        | 3.18V  |
| 额定电流/RATED CURRENT                        | 6.0A   |
| 电阻/RESISTANCE                             | 0.53ohm±10% AT25℃                            |
| 电感/INDUCTANCE                             | 5.54mH±20% AT 1kHz, 1Vrms                    |
| 保持力矩/HOLDING TORQUE                       | 8.5N.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                        | 2800g.cm <sup>2</sup>                        |
| 重量/WEIGHT                                 | 约/APPROX. 4426克/g                            |
| 允许轴向负载/ALLOWABLE THRUST LOAD              | 10N  |
| 允许径向负载/ALLOWABLE RADIAL LOAD              | 100N(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%                                     |
| 寿命/LIFE                                   | 5000小时/HOURS                                 |

刹车技术参数/BRAKE TECHNICAL PARAMETER

|      |         |
|------|---------|
| 电压   | 24V DC  |
| 脱力扭矩 | 5.5N·M  |
| 功率   | 4.3W    |
| 最高转速 | 1K RPM  |
| 响应时间 | 50ms    |
| 绝缘等级 | CLASS B |
| 黑色   | 负极      |
| 红色   | 正极      |

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    | +  | -  | -  | +  |

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

备注(NOTE):

- 额定电流, 两相同时通电/AT RATED CURRENT, TWO PHASES ON.
- 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, 0PPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, 0PPS, 2PHASE ON.
- 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.

|  |          |             |             |                 |                   |          |            |                                  |     |
|--|----------|-------------|-------------|-----------------|-------------------|----------|------------|----------------------------------|-----|
| CONFIRMED&ACCEPTED BY COTUMER<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          |                 |                   |          |            |                                  |     |
|  |          |             |             |                 |                   |          | 页<br>SHEET |                                  | 1/1 |