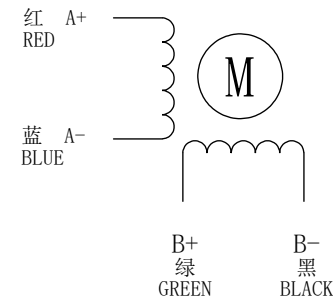
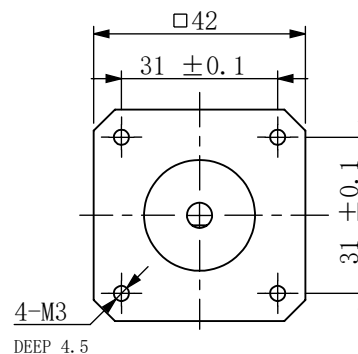
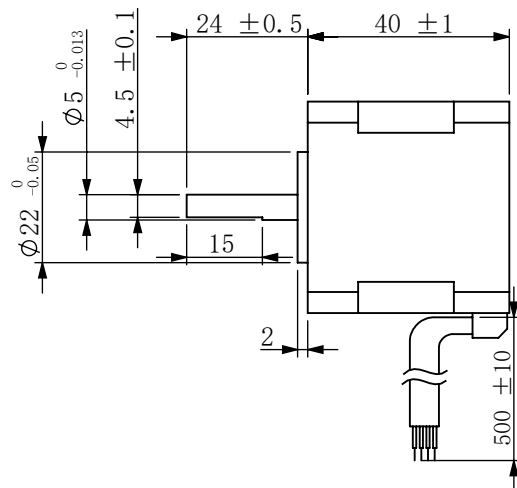


图号/DWG NO.  
42HS40-D0524-017



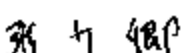

励磁顺序(2相励磁)VS. 旋转方向  
EXCITING SEQUENCE(TWO PHESES)  
VS. DIRECTION OF ROTATION

|                                           |                                              |
|-------------------------------------------|----------------------------------------------|
| 步 距 角/STEP ANGLE                          | 1.8° ±5%                                     |
| 相 数/NO. OF PHASES                         | 2                                            |
| 额定电压/RATED VOLTAGE                        | 3.9V                                         |
| 额定电流/RATED CURRENT                        | 1.5A                                         |
| 电 阻/RESISTANCE                            | 2.6ohm±10% AT25℃                             |
| 电 感/INDUCTANCE                            | 5.1mH±20% AT 1kHz, 1Vrms                     |
| 保持力矩/HOLDING TORQUE                       | 0.4N.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                        | 57g.cm <sup>2</sup>                          |
| 重 量/WEIGHT                                | 约/APPROX. 289克/g                             |
| 允许轴向负载/ALLOWABLE THRUST LOAD              | 3N                                           |
| 允许径向负载/ALLOWABLE RADIAL LOAD              | 20N(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%                                     |

|   |      |    |    |    |    |
|---|------|----|----|----|----|
|   | 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

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. 两相同时通电/AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPSS, 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.

|                                             |                                                                                       |             |               |                 |                         |  |          |                                                                                                    |        |
|---------------------------------------------|---------------------------------------------------------------------------------------|-------------|---------------|-----------------|-------------------------|--|----------|----------------------------------------------------------------------------------------------------|--------|
| 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<br><br>42AM04 |  |          | 三视图<br>THIRD ANGL<br>PROJECTION                                                                    |        |
| 审核/CHECKED                                  |                                                                                       | 单位<br>UNIT  |               | mm              |                         |  |          | 第三角<br>投影<br> |        |
| 深圳锐特机电技术有限公司                                |                                                                                       |             |               |                 |                         |  |          | 页<br>SHEET                                                                                         | 1/1    |