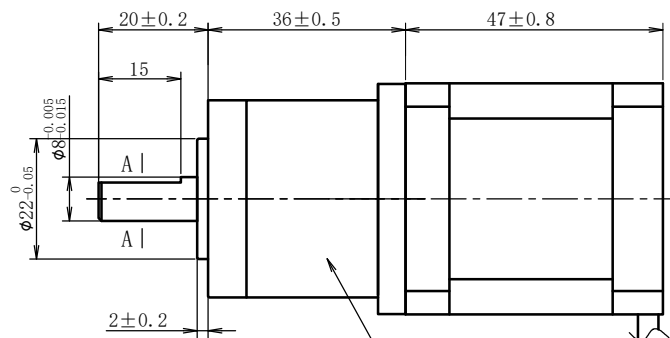
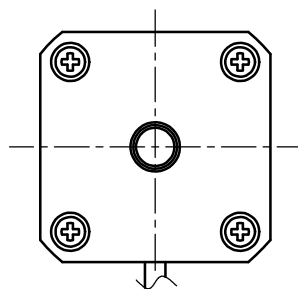
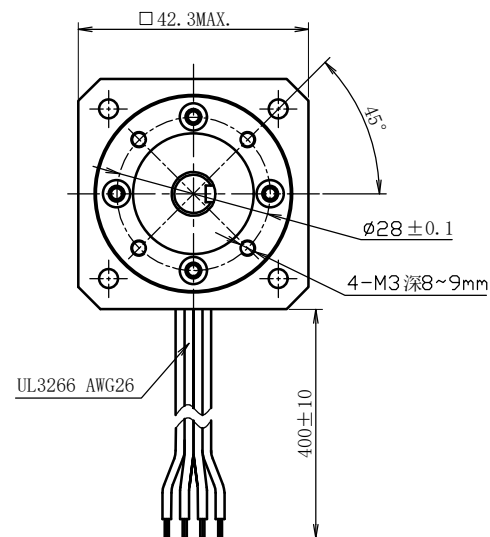


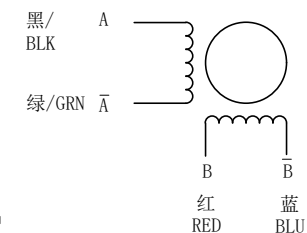
符合RoHS指令要求  
CONFORM TO RoHS INSTRUCTIONS



减速机  
二级减速比  
(1:13.7/1:19.2/1:26.85)



接线图/Wiring Diagram



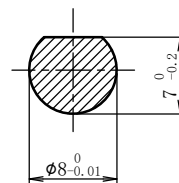
励磁顺序(2相励磁)  
EXCITING SEQUENCE(TWO PHASE)

| STEP | A | B | $\bar{A}$ | $\bar{B}$ |
|------|---|---|-----------|-----------|
| 1    | + | + | -         | -         |
| 2    | - | + | +         | -         |
| 3    | - | - | +         | +         |
| 4    | + | - | -         | +         |

电器特性参数/ELECTRICAL PARAMETER

|                        |                       |                                                 |
|------------------------|-----------------------|-------------------------------------------------|
| 步 进 角                  | STEP ANGEL            | 1.8° ±5%                                        |
| 相 数                    | PHASES                | 2                                               |
| 额定电压                   | RATED VOLTAGE         | 2.772 V                                         |
| 额定电流                   | RATED CURRENT         | 1.68A                                           |
| 电 阻                    | RESISTANCE            | 1.65 ohm±10% at 20° C                           |
| 电 感                    | INDUCTANCE            | 4.1mH±20% at 1k Hz, 1Vrms                       |
| 保持力矩                   | HOLDING TORQUE        | 0.44N.m                                         |
| 运行力矩 (—PPS)            |                       | — MIN.                                          |
| RUNING TORQU (AT —PPS) |                       | (24V. DC, RATED CURRENT, FULL STEP)             |
| 绝缘耐压                   | DIELECTRIC STRENGTH   | 500V A.C 1分钟/MINITE                             |
| 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         | 38g. cm <sup>2</sup> (0.21oz. in <sup>2</sup> ) |
| 重 量                    | WEIGHT                | APPRO. 230g (8.11oz )                           |
| 允许轴向负载                 | ALLOWABLE THRUST LOAD | —N                                              |
| 允许径向负载                 | ALLOWABLE RADIAL LOAD | 75N(At the shaft length 24mm)                   |
| 环境温度                   | AMBIENT TEMP.         | -20° C----+50° C                                |
| 环境湿度                   | AMBIENT HUM.          | 15%----90%                                      |

A-A (2:1)



|                                             |  |  |  |            |               |                 |                      |                  |                    |      |                                                                                       |            |     |
|---------------------------------------------|--|--|--|------------|---------------|-----------------|----------------------|------------------|--------------------|------|---------------------------------------------------------------------------------------|------------|-----|
| CONFIRMED&ACCEPTED BY CUSTOMER<br>(客户确认&接受) |  |  |  |            |               |                 |                      |                  | 品 名<br><br>步进电机规格书 |      |                                                                                       |            |     |
| COMPANY CHOP&SIGNATURE (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>ECO NO. | 变 更 内 容<br>REVISIONS | 设计<br>BY         | 备 注 NOTE           | REV. | A                                                                                     |            |     |
| 制 图/DRAWN                                   |  |  |  |            | 比例<br>SCALE   | 1:1             | 物料号                  |                  |                    |      | 三视图<br>THIRD ANGL<br>PROJECTION                                                       |            |     |
| 设 计/DESIGNED                                |  |  |  |            | 单位<br>UNIT    | mm              | 型 号                  | 42BYGH247-1684AG |                    |      |  |            |     |
| 审 核/CHECKED                                 |  |  |  |            |               |                 |                      |                  |                    |      |                                                                                       |            |     |
| 承 认/APPROVED                                |  |  |  |            | 上海四横申机制造有限公司  |                 |                      |                  |                    |      |                                                                                       | 页<br>SHEET | 1/1 |