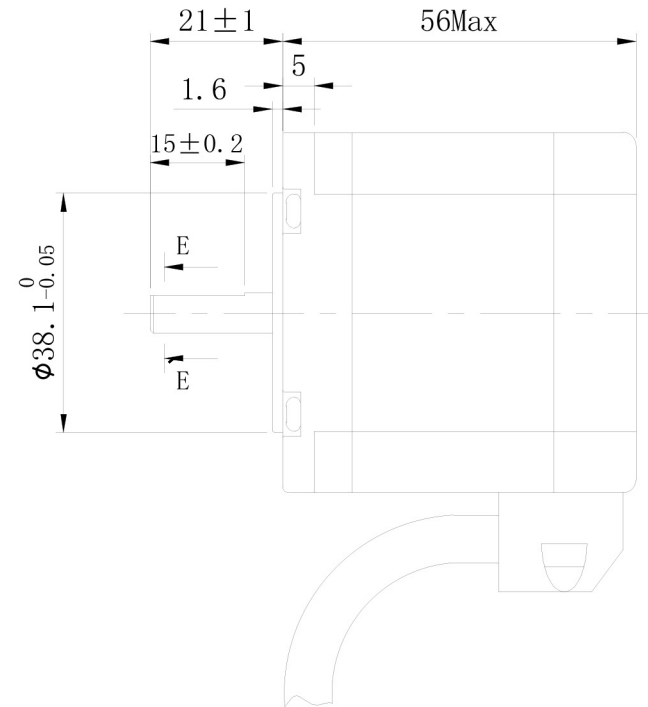
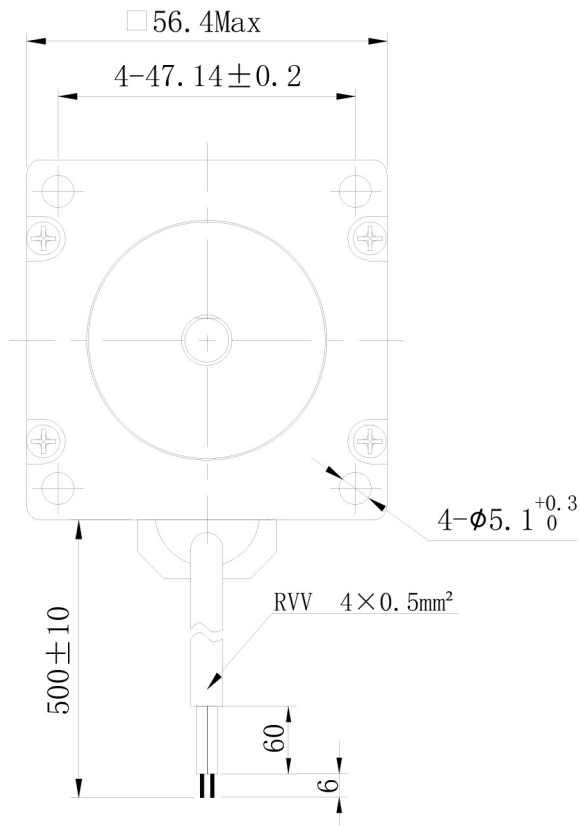


|                            |                      |                              |              |
|----------------------------|----------------------|------------------------------|--------------|
| Phase                      | 2                    | Rated Operating Status       | Continuous   |
| Step Angle                 | 1.8°                 | Lifetime (Hours)             | Above 5000H  |
| Step Angle Error (No Load) | ±0.09° or below      | Temperature Rise             | Below 80K    |
| Current                    | 2.8 A                | Insulation Withstand Voltage | 500V A.C     |
| Resistance (Phase)         | 0.9 Ω±10%            | Insulation Resistance        | Above 100 MΩ |
| Inductance (Phase)         | 3.0 mH±20%           | Insulation Class             | B            |
| Holding Torque             | 1.22 N.m             | Operating Temperature Range  | -10°C~+50°C  |
| Rotor Inertia              | ≈245 g.cm²           | Operating Humidity Range     | 20%RH~90%RH  |
| Weight                     | ≈0.7 KG              | Storage Temperature Range    | -20°C~+70°C  |
| Radial Runout              | 0.025 MM (Load 450g) | Storage Humidity Range       | 15%RH~95%RH  |
| Axial Runout               | 0.075 MM (Load 920g) |                              |              |

|                         |                                                                                         |                                                                                                                                          |               |
|-------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 变更内容<br>Revision Record | Wire Color and Connection<br>Diagram of the Motor                                       | Excitation Sequence<br>(2-Phase Excitation)                                                                                              | Label Content |
| 初次发放                    |                                                                                         |                                                                                                                                          |               |
| 签字The signature         | Note: The color and order<br>of the motor leads are<br>subject to the actual<br>object. | Initial Direction: Follow the<br>excitation sequence in the<br>table, observing the clockwise<br>direction from the mounting<br>surface. |               |
| 日期 Date                 |                                                                                         |                                                                                                                                          |               |
| 2023. 10. 23            |                                                                                         |                                                                                                                                          |               |

|        |      |    |       |    |     |       |       |                                   |
|--------|------|----|-------|----|-----|-------|-------|-----------------------------------|
| 客户签字确认 |      |    |       |    |     | 视图方式: |       | SM2302                            |
|        | 标记   | 处数 | 更改文件号 | 签名 | 年月日 |       |       | TWO-PHASE HYBRID<br>STEPPER MOTOR |
|        | 设计   |    | 标准化   |    |     | 比例    | 1:1   |                                   |
|        | 校核   |    | 工艺    |    |     |       |       |                                   |
|        | 审核   |    | 批准    |    |     |       |       |                                   |
|        | 图样标记 | H  |       |    |     | 共 1 张 | 第 1 张 |                                   |