

UCX24-E009

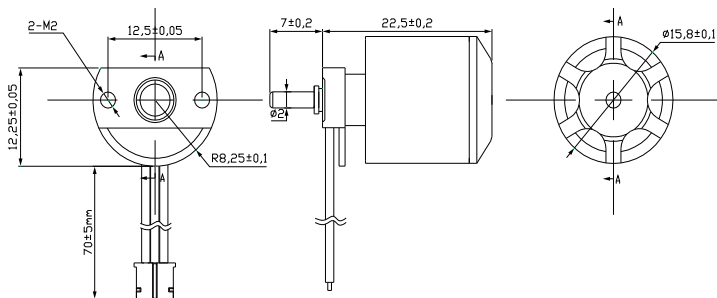
Motor Guide 电机指引



Data 参数

| | |
|--|---|
| Rated voltage (V) 额定电压 (V) | 7.4V |
| No load current (A/7.4V) 空载电流 (A/7.4V) | ≤0.6A |
| No-load speed (rpm/7.4V) 空载转速 (rpm/7.4V) | 25900±5% |
| Internal resistance of motor (mΩ)(environment temperature 25 °C) 电机内阻 (mΩ) (环境温度: 25°C) | 180mΩ ±3% |
| Total weight(g) 整机重量 (g) | 15.4g |
| Whole machine withstand voltage (DC) 整机耐压 (DC) | DC500V(3S) |
| Balance quality of rotor (mg) 整机平衡度 (mg) | ≤10mg |
| Operating environment temperature (°C) 使用环境温度 (°C) | -10°C - 65°C |
| Storage temperature (°C) 保存温度 (°C) | -10°C - 50°C |
| Storage humidity (%) 保存湿度 (%) | ≤85% |
| Overall height (mm) 整机高度 (mm) | 29.5±0.2mm |
| Motor height (mm) 电机高度 (mm) | 22.5±0.2mm |
| Outer diameter of the whole machine (mm) 整机外径 (mm) | 16.5±0.1 |
| Installation hole position (mm) 安装孔位 (mm) | 2-M1.7, hole spacing(孔距) 12.5mm |
| Wire and wire sequence 线材、线序 | 28 # silicone wire (red, yellow, black) 28#硅胶线 (红黄黑) |
| Length of outgoing line (mm) 出线长度 (mm) | 70mm ± 5mm (including 2.0 terminals) 70mm±5mm (含2.0端子) |

Appearance diagram 外观示意图



Note: 使用注意事项:

- (1) Please make sure it is installed correctly and securely before use everytime.
- (2) Do not get close to the rotating motor to avoid cutting.
- (3) The motor itself is magnetic and has an open structure, which requires effective control to prevent foreign objects from being adsorbed and causing the motor to stall.
- (4) Use within the normal operating range of the motor and do not overload it.
- (5) Due to various conditions such as voltage, lifespan, and usage environment, this product may experience short circuits, fires, and smoke. So, please take appropriate protective measures during use.
- (6) When installing the motor (selecting screws of appropriate length to prevent them from being too long and hitting the coil) and wiring operations, please be careful not to damage the coil, wire, or edge of the motor. If not, it may cause electric shock, burning, and fire.

- (1) 每次使用前请检查是否安装正确和紧固。
- (2) 请勿贴近旋转的电机，以免割伤。
- (3) 电机本身带有磁性，且为开放式结构，需有效控制，防止异物吸附进去，造成电机卡转。
- (4) 在电机的正常使用范畴内使用，切勿超载使用。
- (5) 由于使用电压和寿命、使用环境等种种条件的影响，有可能发生导致本产品短路、起火、冒烟的情况。所以，在使用过程中，请采取适当的保护对策。
- (6) 在电机的安装(选择合适长度的螺丝，防止选用螺丝过长顶到线圈)、配线作业时，请注意不要伤电机的线圈、导线、边缘。如若不然，则有可能会引起触电、烧毁和起火。