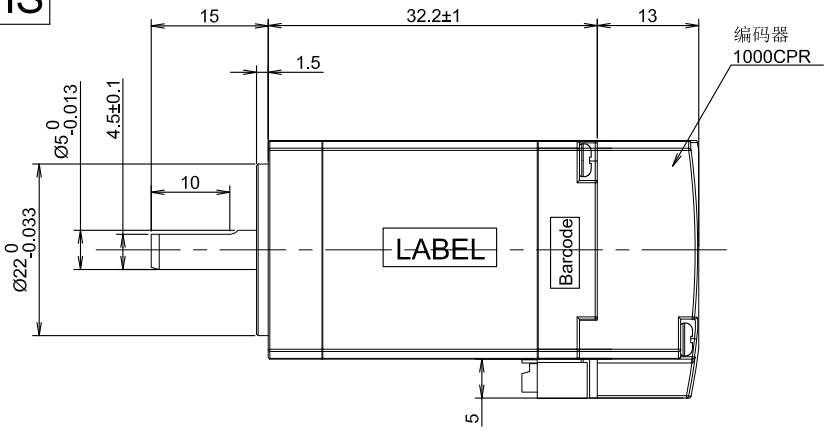
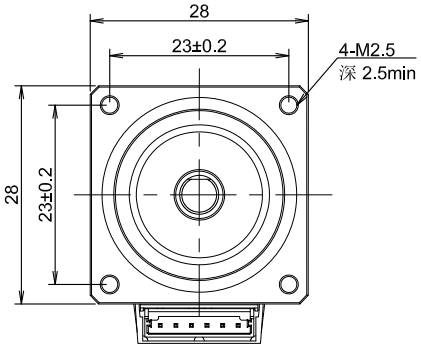
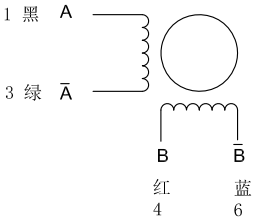
RoHS




接线图



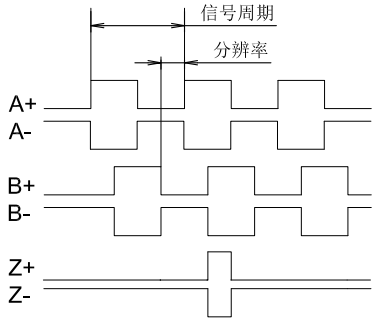

励磁顺序（两相励磁）VS旋转方向

| STEP | A | B | Ā | B̄ |
|---|---|---|---|---|
| 1 | + | + | − | − |
| 2 | − | + | + | − |
| 3 | − | − | + | + |
| 4 | + | − | − | + |

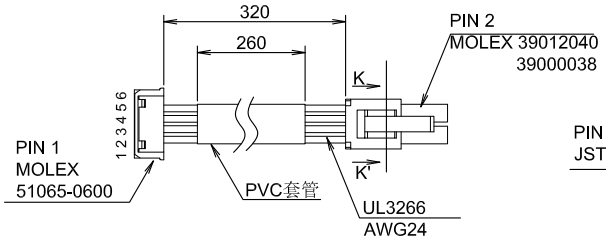
CW ↓ CCW ↑

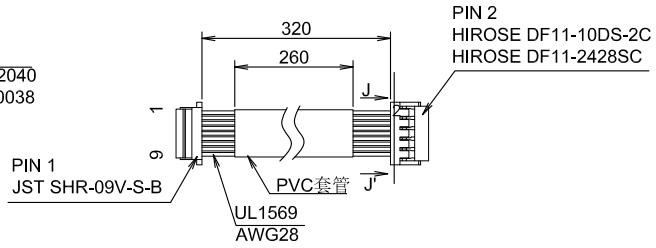
从电机安装面看为顺时针

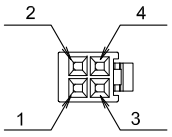
| 编码器连接 | | | |
|---|---|---|---|
| PIN 1 | 信号 | 颜色 | PIN 2 |
| 1 | GND | 黑 | 10 |
| 2 | Vcc | 红 | 9 |
| 3 | B+ | 蓝 | 5 |
| 4 | B- | 白 | 6 |
| 5 | A+ | 橙 | 7 |
| 6 | A- | 黄 | 8 |
| 7 | Z+ | 棕 | 3 |
| 8 | Z- | 绿 | 4 |
| 9 | FG | 紫 | 1 |



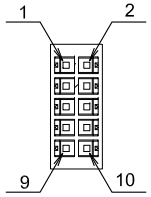

| 电机参数 | |
|---|---|
| 步进角 | 1.8°±5% |
| 额定电流 | 1.5 Amps/PHASE |
| 保持力矩 | 0.065 N.m MIN. |
| 电阻 | 1.05 ohm±10% AT 25°C |
| 电感 | 0.93 mH±20% AT 1kHz,1Vrms |
| 转子惯量 | 9g.cm$^2$ |
| 绝缘等级 | CLASS B |
| 绝缘耐压 | 500V A.C 1MINUTE |
| 防护等级 | IP 20 |
| 重量 | 100g |
| 温升 | 80K MAX. |
| 额定运行环境温度 | -20°C----+50°C |
| 允许轴向负载 | 10N |
| 允许径向负载 | 21N (ON THE SHAFT END) |




K-K' 视图




J-J' 视图

www.aiweimotion.com

电机型号

# EW11-110-E1000

步进电机规格书

单位: mm

未标注长度及角度默认公差

长度： ±0.3mm 角度：±5%

电机检验标准: QC-ZL-011

编码器检验标准: QC-ZL-013

| 版本 | 日期 | 描述 | 出图人 |
|---|---|---|---|
| A | 27-08-22 | first version | CAROL |

APPROVED