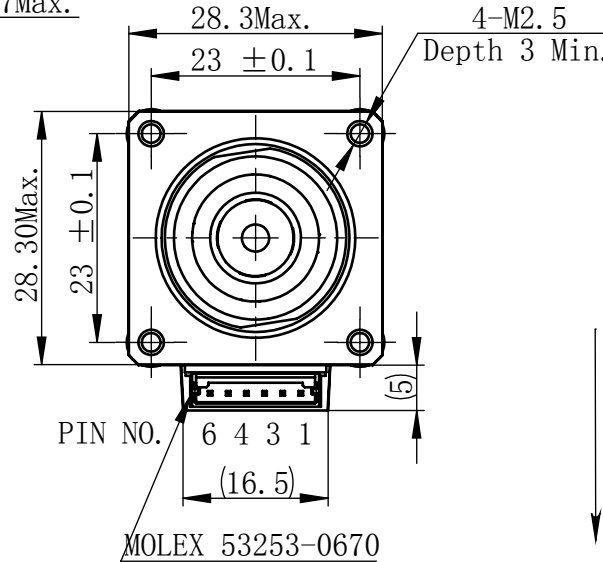
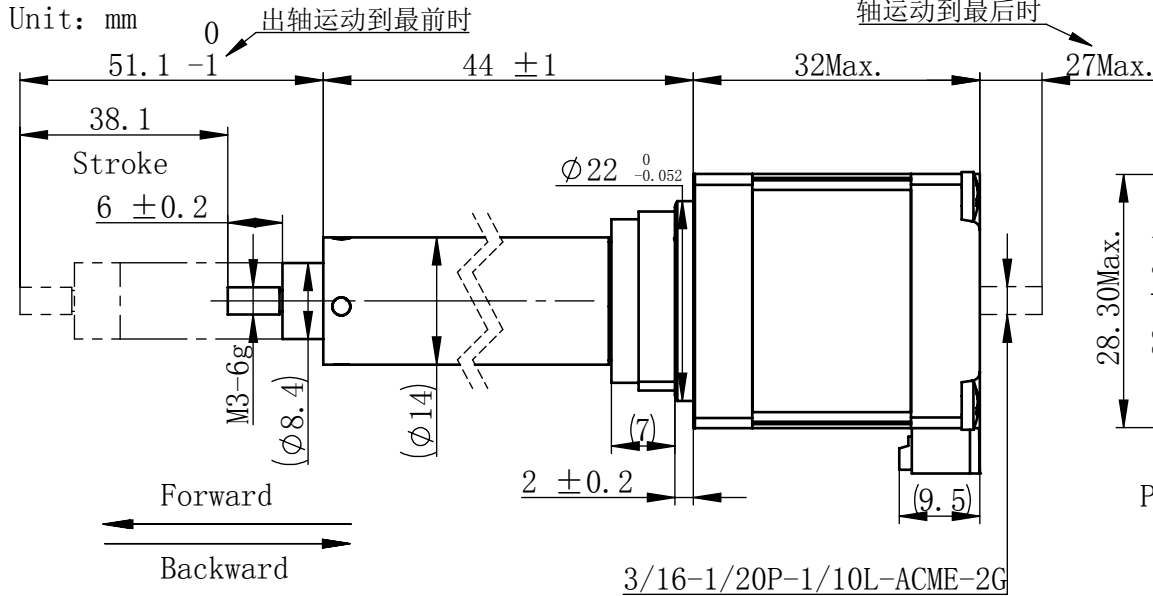
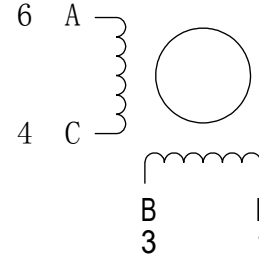


Material NO. 46111110032421



接线图
Wiring Diagram



励磁顺序 vs. 旋转方向
Exciting Sequence vs.
Direction of Rotation

| STEP | A | B | C | D | |
|------|---|---|---|---|---------------|
| 1 | + | + | - | - | Backward ↑ |
| 2 | - | + | + | - | |
| 3 | - | - | + | + | |
| 4 | + | - | - | + | |

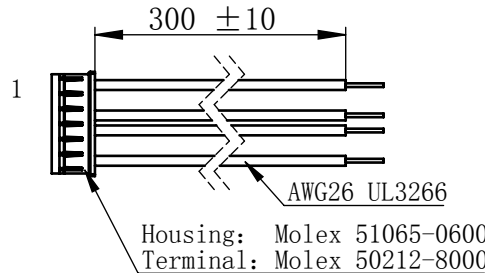
Forward
从安装面看为顺时针方向
Clockwise view from
mounting side

规格
Specifications

| | | |
|----|-----------------------|------------------------------|
| 1 | 相数 Number Of Phase | 2 |
| 2 | 步长 Linear Travel/Step | 0.0127 mm (1.8°) |
| 3 | 额定电压 Rated Voltage | 2.7 V DC |
| 4 | 额定电流 Rated Current | 1 Amp |
| 5 | 额定推力 Rated Thrust | 27 N(@300rpm, rated current) |
| 6 | 相电阻 Phase Resistance | 2.7 ohm ±10% (20°C) |
| 7 | 相电感 Phase Inductance | 2.75 mH ±20% (1kHz 1V rms) |
| 8 | 转子惯量 Rotor Inertia | 9 gcm ² |
| 9 | 重量 Weight | 0.1 Kg |
| 10 | 绝缘等级 Insulation Class | B(130°C) |
| 11 | 丝杠直径 Screw Diameter | 4.76 mm |
| 12 | 丝杠导程 Lead | 2.54 mm |

版本变更

| 版本 | 变更说明 | 签名 | 日期 |
|----|------|----|----|
|----|------|----|----|



连接器针位 vs. 引线颜色
Pin No. vs. Lead Wire Colour

| Pin No. | 颜色 Colour |
|---------|-----------|
| 1 | 黑 BLA |
| 3 | 绿 GRN |
| 4 | 红 RED |
| 6 | 蓝 BLU |

电机标签
Motor label

LEAD SCREW MOTOR
LC111S-E04025-38-S-100
XXXXXXXX

批次号

备注Note:
螺纹丝杆在正常使用过程中,
若有少许粉尘掉落为正常现象。
It's normal phenomenon if there is a little dust
fall off when using the lead screw and nut.

| | | | | | | | | |
|--|-----------------|-----|-------------|---|--|------------------|---------------------|------------------------|
| <div>未标注线性尺寸和公差 Tolerance for linear and dimensions without individual tolerance indications GB/T 1804-M eqv ISO 2768-1:M</div> <div>未标注形状与位置尺寸公差 Geometrical tolerance for features without individual tolerance indications GB/T 1184-K eqv ISO 2768-2:K</div> <div><div><div></div><div>I. 请避免螺母脱离丝杠 Keep nut on screw.</div><div>II. 非专业人士请勿拆解电机 Avoide disassembly without qualification.</div></div></div> | 设计 Design | 杨淑娟 | 2019/2/27 | <div><div></div><div></div></div> <div>First Angle Method</div> | <div><div>PBC+MOONS'</div><div>上海市闵行区 鸣嘉路168号</div><div>上海鸣志派博思自动化技术有限公司 (021)52634688</div></div> | | | |
| | 校核 Check | | | | 比例 Scale | 零件名 Part Name | 直线步进电机 | |
| | 工艺 Process | | | 材料 Material | 总图 | 1:1 | 型号 Model NO. | LC111S-E04025-38-S-100 |
| | 标准化 Standard | | | | | | 物料号 Material NO. | 4611110032421 |
| 批准 Approve | | | Page 1 of 1 | 版本 Version | | | A0 | |