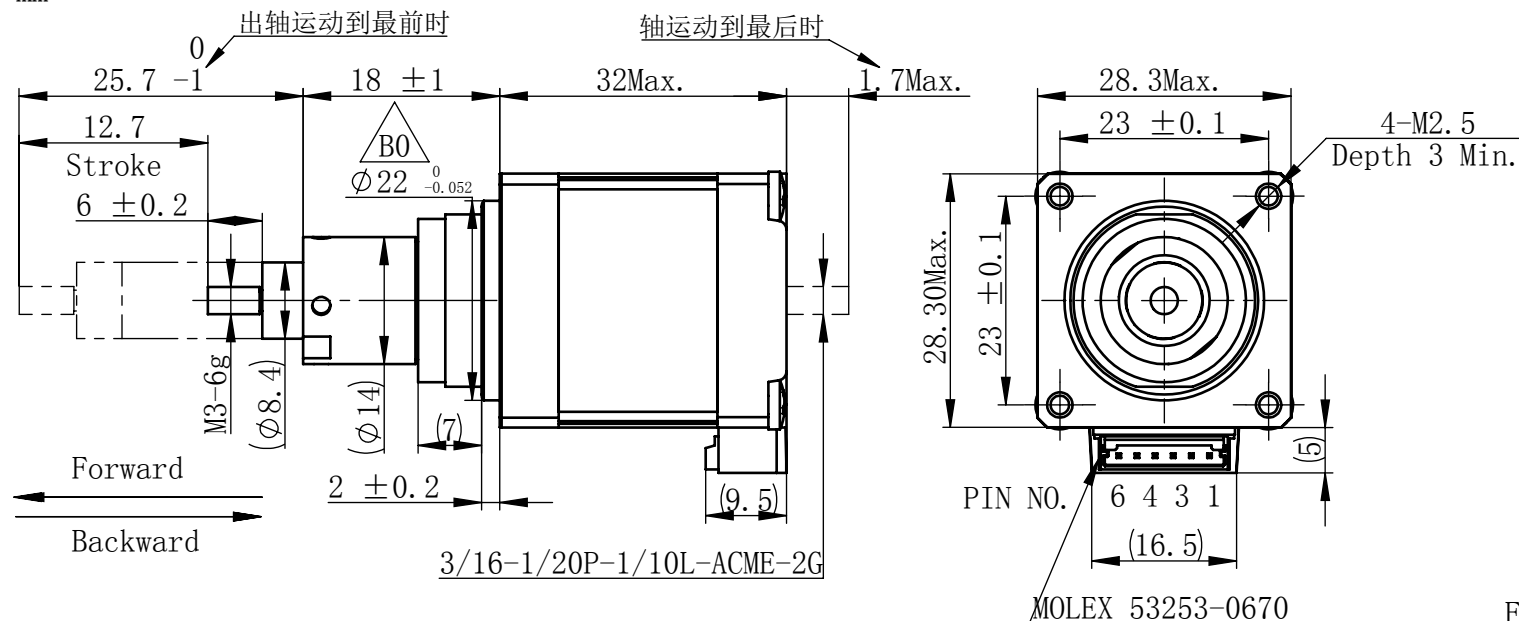
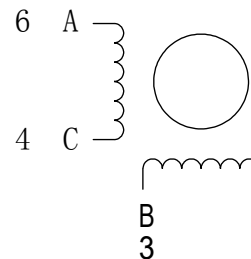


Material NO. 4611110032407

Unit: mm



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 | Backward |
|------|---|---|---|---|----------|
| 1 | + | + | - | - | ↑ |
| 2 | - | + | + | - | |
| 3 | - | - | + | + | |
| 4 | + | - | - | + | |

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

电机标签
Motor label

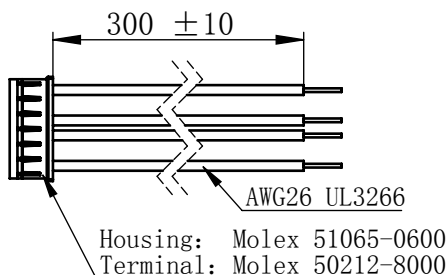
LEAD SCREW MOTOR
LC111S-E04025-12-S-067
XXXXXXX

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.

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 | 4.1 V DC |
| 4 | 额定电流 Rated Current | 0.67 Amp |
| 5 | 额定推力 Rated Thrust | 28 N(@300rpm, rated current) |
| 6 | 相电阻 Phase Resistance | 6.1 ohm±10% (20℃) |
| 7 | 相电感 Phase Inductance | 5.5 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℃) |
| 11 | 丝杠直径 Screw Diameter | 4.76 mm |
| 12 | 丝杠导程 Lead | 2.54 mm |



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 |

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

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

I. 请避免螺母脱离丝杠
Keep nut on screw.
II. 非专业人士请勿拆解电机
Avoid disassembly without
qualification.

| | | |
|-----------------|-----|-----------|
| 设计 Design | 杨淑娟 | 2019/6/19 |
| 校核 Check | | |
| 工艺 Process | | |
| 标准化 Standard | | |
| 批准 Approve | | |

| |
|--------------------|
| First Angle Method |
| 材料 Material |
| 总图 |
| Page 1 of 1 |

| | |
|--|------------------------|
| PBC+MOONS' 上海市闵行区 鸣嘉路168号 上海鸣志派博思自动化技术有限公司 (021)52634688 | |
| 比例 Scale | 零件名 Part Name |
| 1:1 | 直线步进电机 |
| 型号 Model NO. | LC111S-E04025-12-S-067 |
| 物料号 Material NO. | 4611110032407 |

版本变更

| 版本 | 变更说明 | 签名 | 日期 |
|----|---------|-----|-----------|
| B0 | 19==>18 | 杨淑娟 | 2019/6/19 |