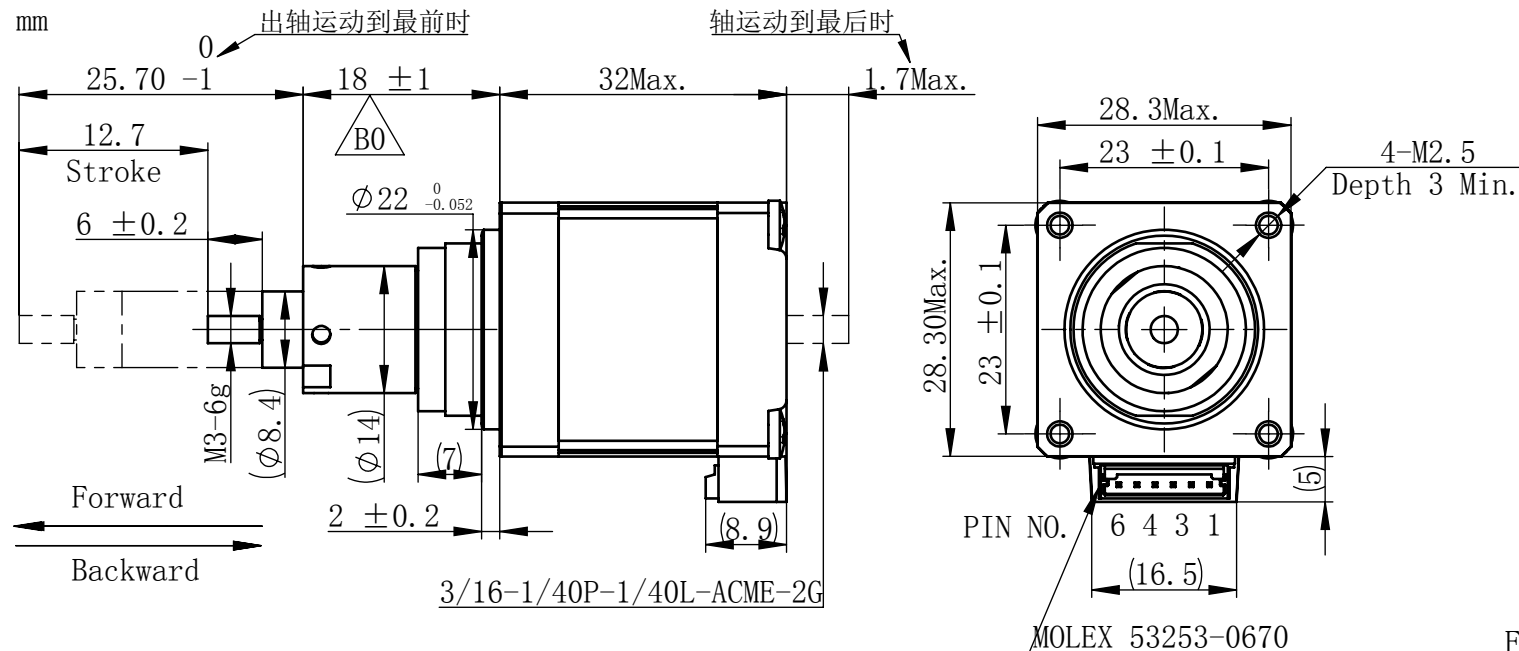
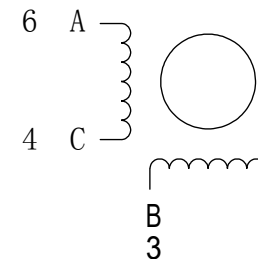


Material NO. 4611110032406

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-E04006-12-S-067
XXXXXXX

批次号

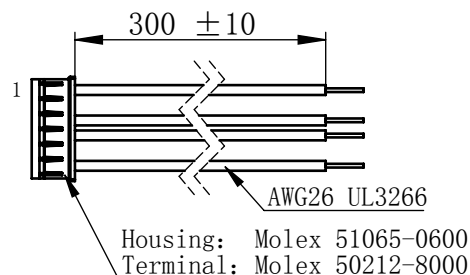
备注Note:
螺纹丝杆在正常使用过程中,
若有少许粉尘掉落为正常现象。
It's normal phenomenon if there is a little dust
fall off when using the lead screw and nut.

规格
Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.003175 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	53 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	0.635 mm

版本变更

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



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

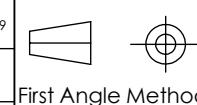
Pin No.	颜色 Colour
1	黑 BLA
3	绿 GRN
4	红 RED
6	蓝 BLU

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		



材料
Material

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	直线步进电机
1:1	型号 Model NO.	LC111S-E04006-12-S-067
	物料号 Material NO.	4611110032406