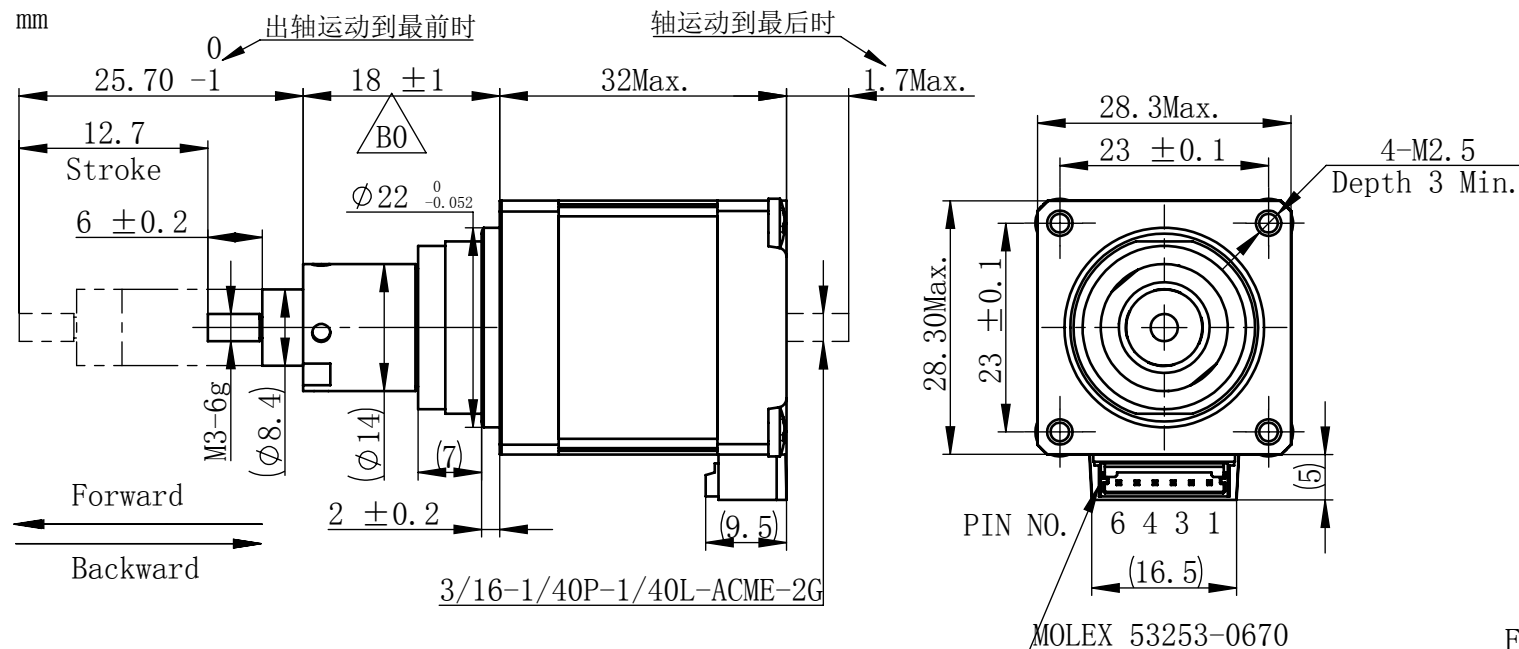
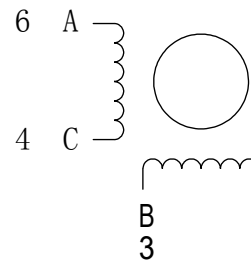


Material NO. 4611110032404

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	+	-	-	+	

Forward

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

## 电机标签 Motor label

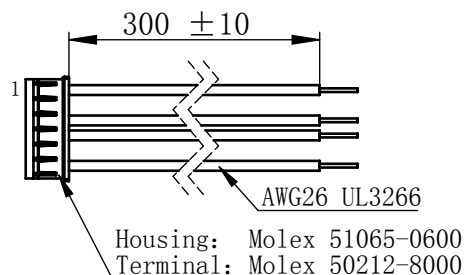
LEAD SCREW MOTOR  
LC111S-E04006-12-S-050  
XXXXXXX

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	5.45 V DC
4	额定电流 Rated Current	0.5 Amp
5	额定推力 Rated Thrust	51 N(@300rpm, rated current)
6	相电阻 Phase Resistance	10.9 ohm ±10% (20℃)
7	相电感 Phase Inductance	10.6 mH ±20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	9 gcm <sup>2</sup>
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



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

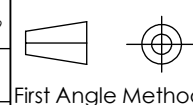
未标注线性尺寸和公差  
Tolerance for linear and dimensions  
without individual tolerance indications  
GB/T 1804-M eqv ISO 2768-1:M

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

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	直线步进电机
1:1	型号 Model NO.	LC111S-E04006-12-S-050
	物料号 Material NO.	4611110032404

## 版本变更

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