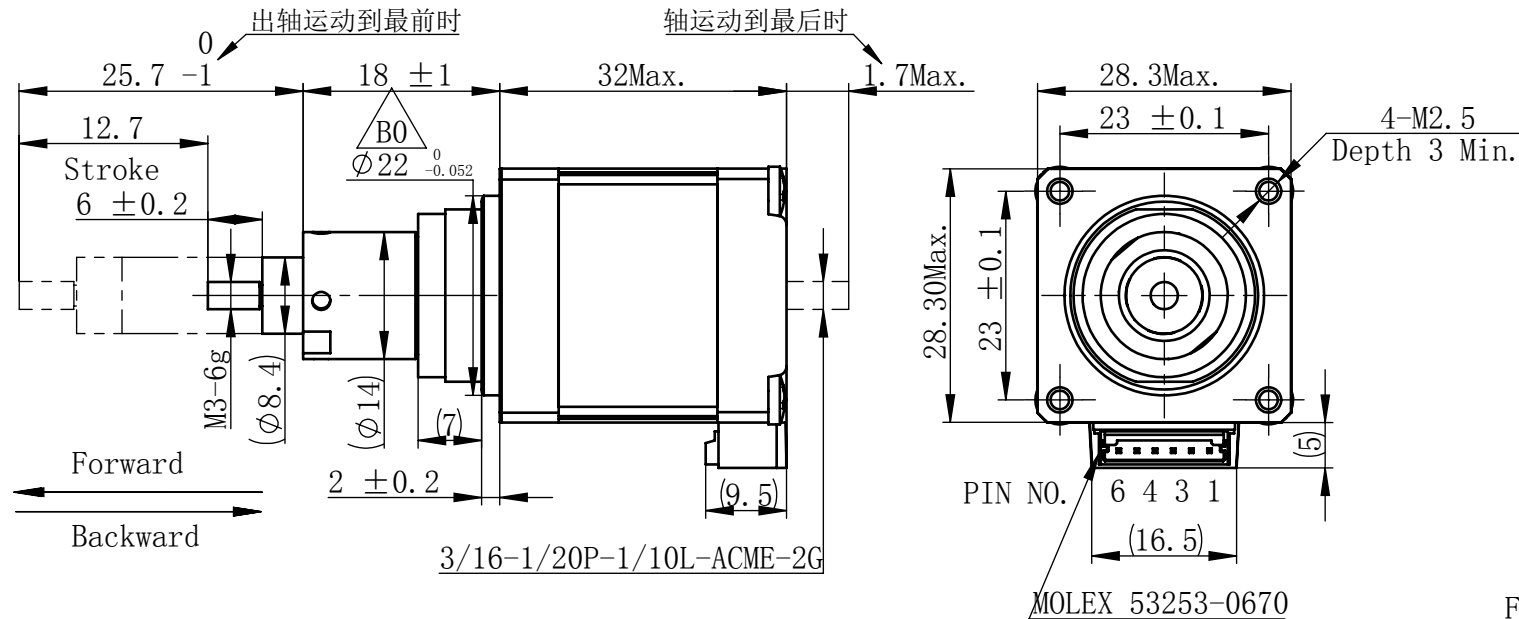
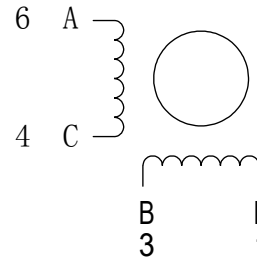


Material NO. 4611110032409

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

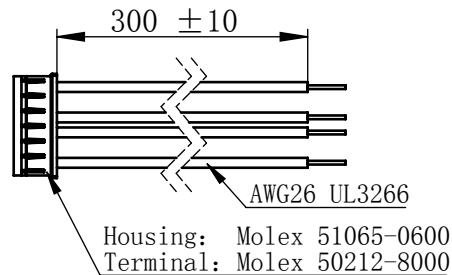
LEAD SCREW MOTOR  
LC111S-E04025-12-S-100  
XXXXXXX

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

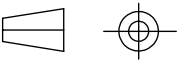
1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.0127 mm (1.8°)
3	额定电压Rated Voltage	2.7 V DC
4	额定电流 Rated Current	1 Amp
5	额定推力 Rated Thrust	27 N(@300rpm, rated current)
6	相电阻 Phase Resistance	2.7 ohm±10% (20℃)
7	相电感 Phase Inductance	2.75 mH±20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	9 gcm <sup>2</sup>
9	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	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	设计 Design	杨淑娟	2019/6/19
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	校核 Check		
 <p>I. 请避免螺母脱离丝杠 Keep nut on screw.</p> <p>II. 非专业人士请勿拆解电机 Avoid disassembly without qualification.</p>	工艺 Process		
	标准化 Standard		
	批准 Approve		

 First Angle Method	总图 Material	比例 Scale	零件名 Part Name	直线步进电机
		1:1	型号 Model NO.	LC111S-E04025-12-S-100
Page 1 of 1	版本 Version	B0	物料号 Material NO.	4611110032409

## 版本变更

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