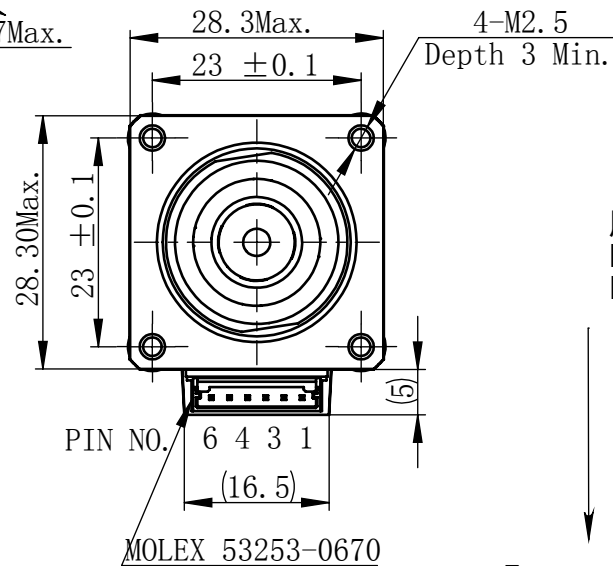
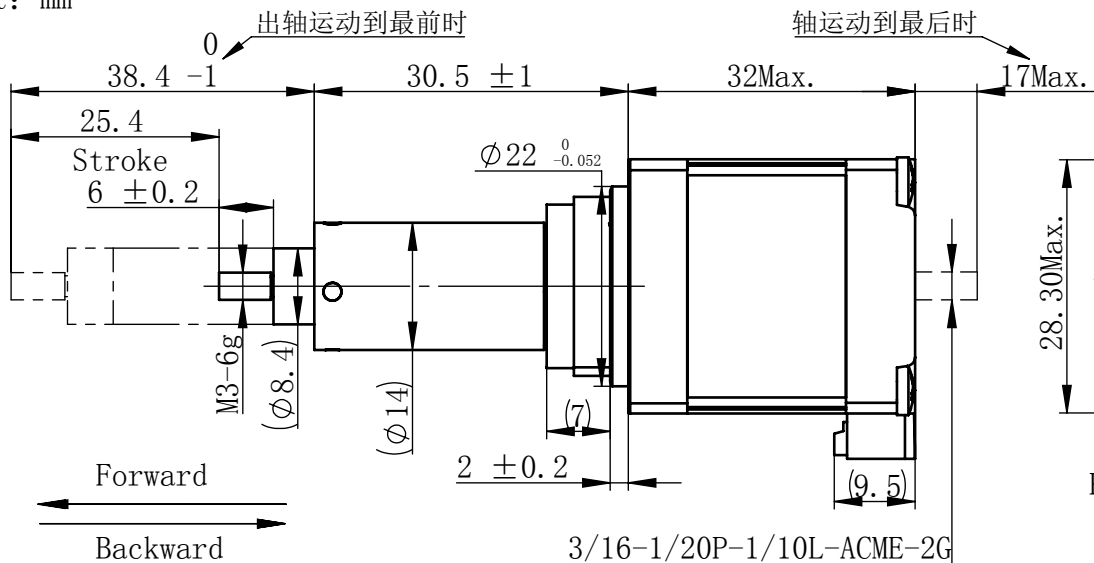
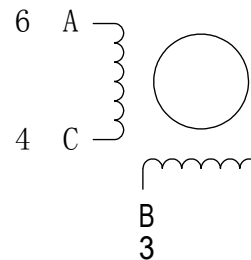


Material NO. 4611110032411

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	+	-	-	+	

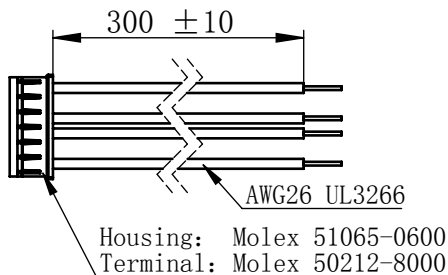
From the mounting side view, it is clockwise direction.

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	5.45 V DC
4	额定电流 Rated Current	0.5 Amp
5	额定推力 Rated Thrust	27 N (@300rpm, rated current)
6	相电阻 Phase Resistance	10.9 ohm ±10% (20°C)
7	相电感 Phase Inductance	10.6 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
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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-E04025-25-S-050
XXXXXXX

批次号

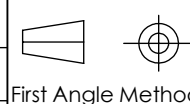
备注Note:
螺纹丝杆在正常使用过程中,
若有少许粉尘掉落为正常现象。
It's normal phenomenon if there is a little dust
fall off when using the lead screw and nut.

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	2019/2/27
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-E04025-25-S-050
A0	物料号 Material NO.	4611110032411