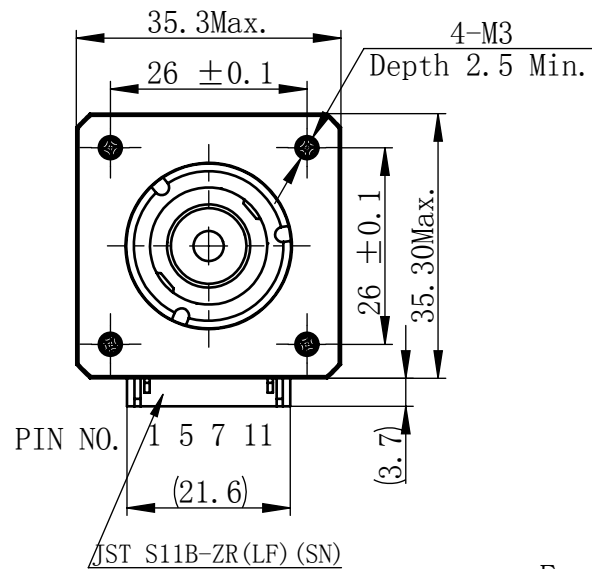
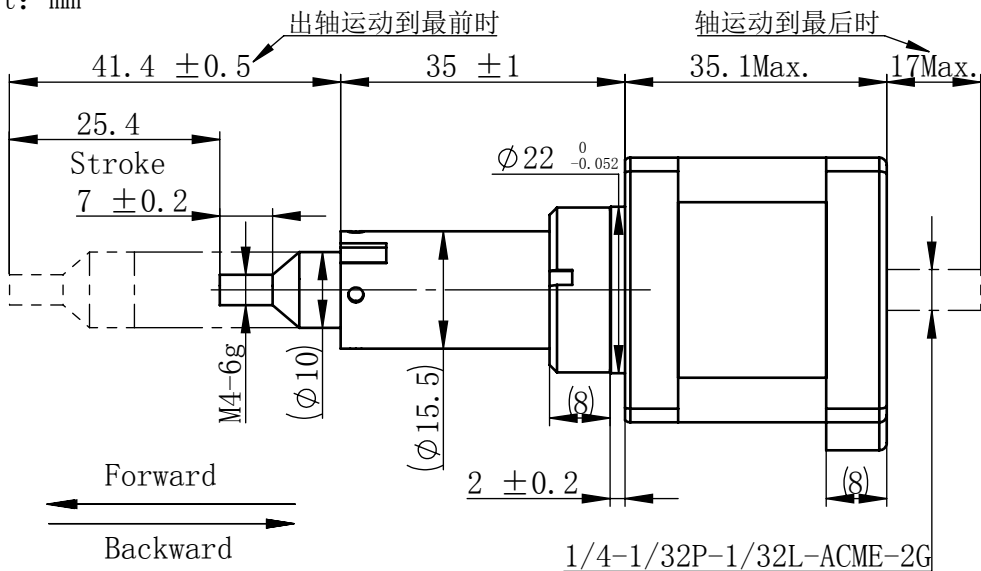
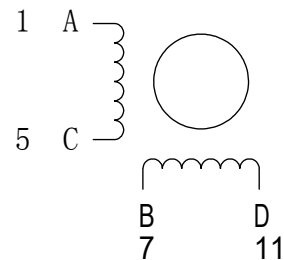


Material NO.

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
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

Backward

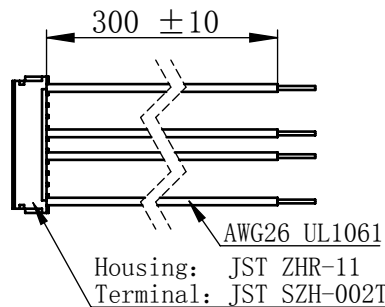
Forward 从安装面看为顺时针方向  
Clockwise view from  
mounting side

## 规格 Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.00396875 mm (1.8°)
3	额定电压 Rated Voltage	2.4 V DC
4	额定电流 Rated Current	1.5 Amp
5	额定推力 Rated Thrust	101 N (@300rpm, rated current)
6	相电阻 Phase Resistance	1.61 ohm $\pm$ 10% (20°C)
7	相电感 Phase Inductance	2.5 mH $\pm$ 20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	20 gcm <sup>2</sup>
9	重量 Weight	0.21 Kg
10	绝缘等级 Insulation Class	B (130°C)
11	丝杠直径 Screw Diameter	6.35 mm
12	丝杠导程 Lead	0.79375 mm

## 版本变更

版本	变更说明	签名	日期
----	------	----	----



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

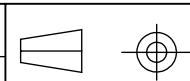
电机标签  
Motor label

LEAD SCREW MOTOR  
LC143S-E06008-25-S-150  
XXXXXXX

批次号

备注Note:  
 螺丝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.

<p>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 2768-1:1:M</p> <p>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</p>	设计 Design	杨淑娟	2019/2/28
	校核 Check		
	工艺 Process		
	标准化 Standard		
<div></div> <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 Avoide disassembly without qualification.</p>	批准 Approve		



### First Angle Method

材料	Material
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
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零件名

直线步进电机

1.1

型号  
M-101NO

LC143S-E06008-25-S-150

物料号  
Material NO.

4611110032429