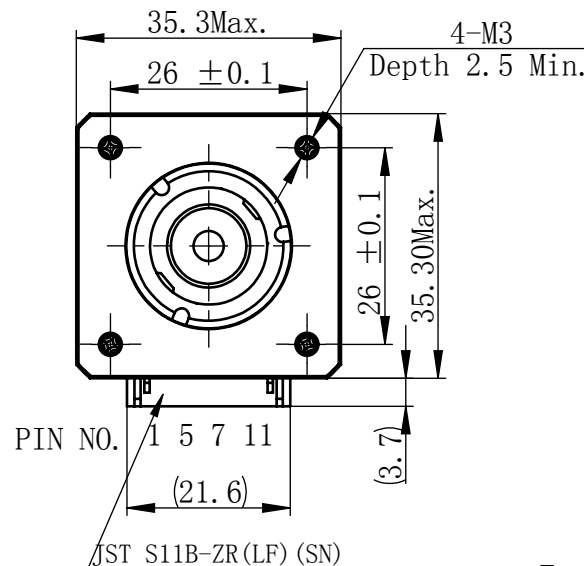
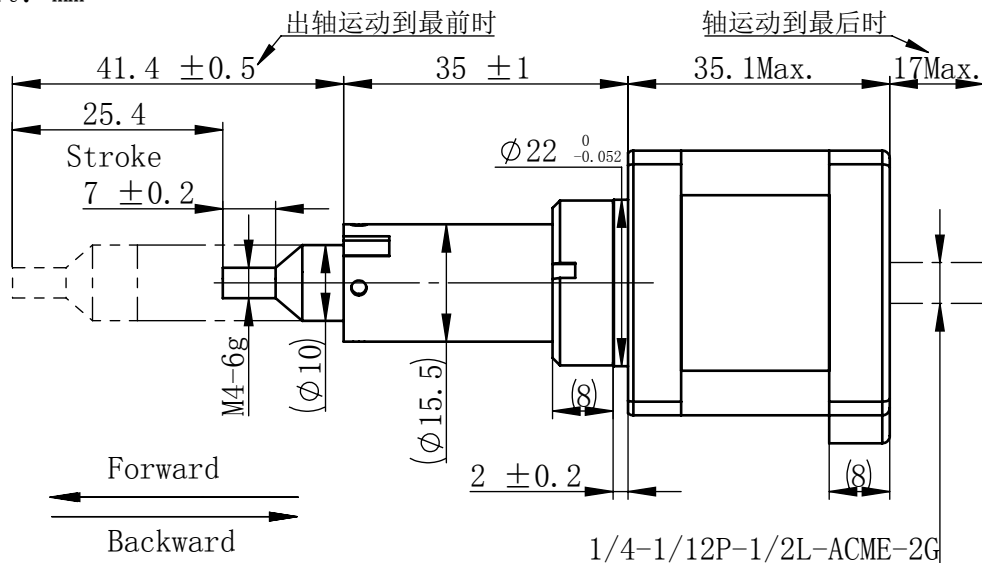
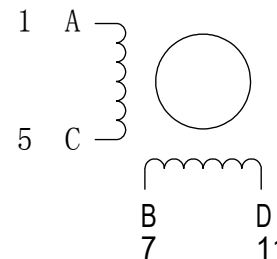


Material NO. 4611110032424

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	+	-	-	+	

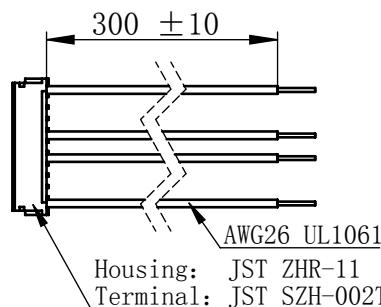
Forward 从安装面看为顺时针方向
Clockwise view from
mounting side

规格 Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.0635 mm (1.8°)
3	额定电压 Rated Voltage	7.55 V DC
4	额定电流 Rated Current	0.5 Amp
5	额定推力 Rated Thrust	13 N (@300rpm, rated current)
6	相电阻 Phase Resistance	15.1 ohm ±10% (20℃)
7	相电感 Phase Inductance	25 mH ±20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	20 gcm ²
9	重量 Weight	0.21 Kg
10	绝缘等级 Insulation Class	B (130℃)
11	丝杠直径 Screw Diameter	6.35 mm
12	丝杠导程 Lead	12.7 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
LC143S-E06127-25-S-050
XXXXXXXX

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.

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	2019/2/28
校核 Check		
工艺 Process		
标准化 Standard		
批准 Approve		

First Angle Method
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
1:1	直线步进电机
型号 Model NO.	LC143S-E06127-25-S-050
物料号 Material NO.	4611110032424