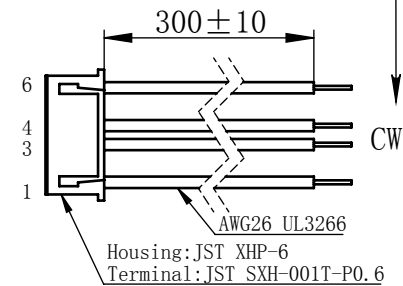
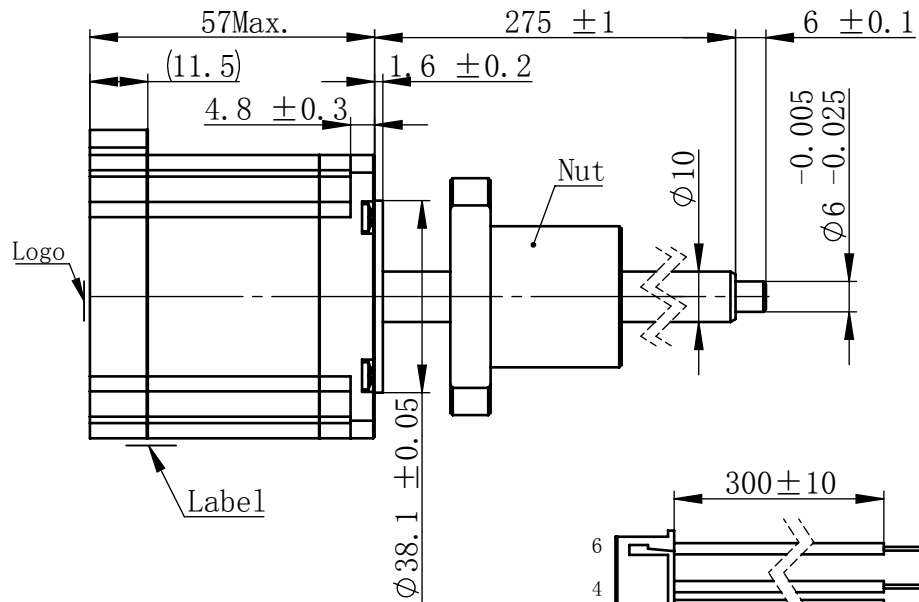
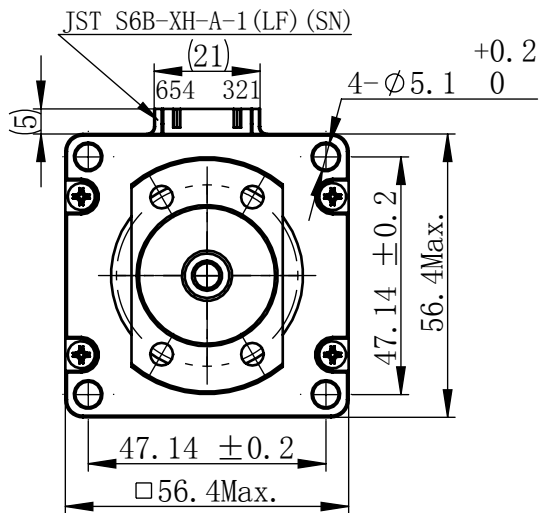


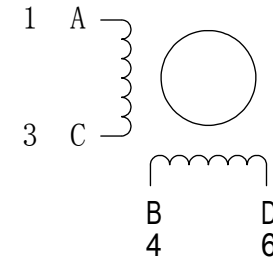
Unit: mm



连接器针位vs. 引线颜色
Pin No. vs. Lead Wire Colour

Pin No.	颜色 Colour
1	黑 BLK
3	绿 GRN
4	红 RED
6	蓝 BLU

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	+	-	-	+

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

电机标签
Motor label

BALL SCREW MOTOR
BE238S-B1010-275-BM1-S-220
XXXXXXXX

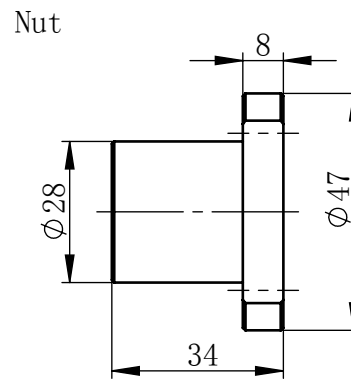
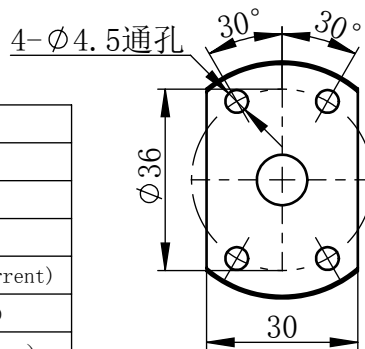
批次号

规格 Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.05 mm (1.8°)
3	额定电压Rated Voltage	3.5 V DC
4	额定电流 Rated Current	2.2 Amp
5	额定推力 Rated Thrust	122 N(@300rpm, rated current)
6	相电阻 Phase Resistance	1.6 ohm \pm 10% (20℃)
7	相电感 Phase Inductance	7.2 mH \pm 20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	260 gcm ²
9	重量 Weight	0.6 Kg
10	绝缘等级 Insulation Class	B(130℃)
11	丝杠直径 Screw Diameter	10 mm
12	丝杠导程 Lead	10 mm

版本变更

版本	变更说明	签名	日期
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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	2019/4/17
校核 Check		
工艺 Process		
标准化 Standard		
批准 Approve		

7		First Angle Method
材料 Material		总图
Page 1 of 1		



PBC+MOONS

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	比例 Scale	零件名 Part Name	直线步进电机
图	2:3	型号 Model NO.	BE238S-B1010-275-BM1-S-220
	A0	物料号 Material NO.	4611110032950