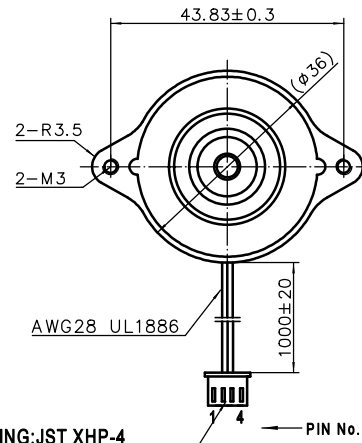
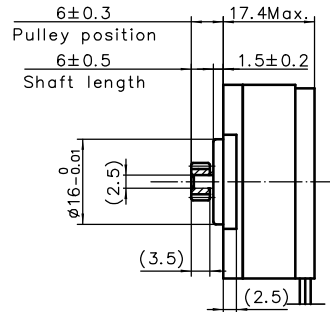
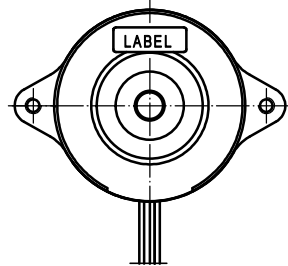


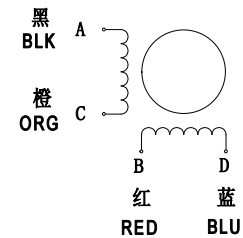
46111100XXXX



HOUSING:JST XHP-4
TERMINAL:JST SXH-002T-P0.6

接线图

Wiring Diagram



Pin No. vs. Lead Wire Colour

PIN No.	颜色 Colour
1	蓝 BLU
2	红 RED
3	橙 ORG
4	黑 BLK

励磁顺序 vs. 旋转方向

Exciting Sequence vs. Direction of Rotation

STEP	A	B	C	D	
1	+	+	-	-	CW ↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

从安装面看为顺时针方向

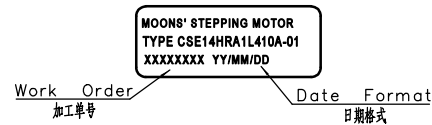
Clockwise view from mounting side

规格 Specifications

1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	1.9V DC
4. 额定电流 Rated Current	1A
5. 保持力矩 Holding Torque	100mNm Typ. (Two phases on rated current)
6. 相电阻 Phase Resistance	1.9Ω ±10% (20°C)
7. 相电感 Phase Inductance	1.41mH±20% (1kHz 1V rms)
8. 转子惯量 Rotor Inertia	9gcm ²
9. 电机重量 Motor Weight	85g
10. 绝缘等级 Insulation Class	B(130°C)

齿轮规格 Gear Specification

齿型 Profile	渐开线 Involute
模数 Module	m=0.5
齿数 Number of Teeth	Z=10
压力角 Pressure Angle	a=20°
齿顶圆直径 Outside DIA	da=6
分度圆直径 Pitch DIA	d=5
材料 Material	SUS303



Unit: mm

第一角画法
FIRST ANGLE METHOD

未注线性与角度尺寸公差
Tolerances for linear and angular dimensions without individual tolerance indications

GB/T 1804-m eqv ISO 2768-1 : m

未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

批准 Approve

标准化 Standard

工艺 Technology

审核 Check

设计 Design

施赛赛

2021.5.17

MOONS'

Hybrid Stepping Motor

Shanghai Moons' Electric Co., Ltd.

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