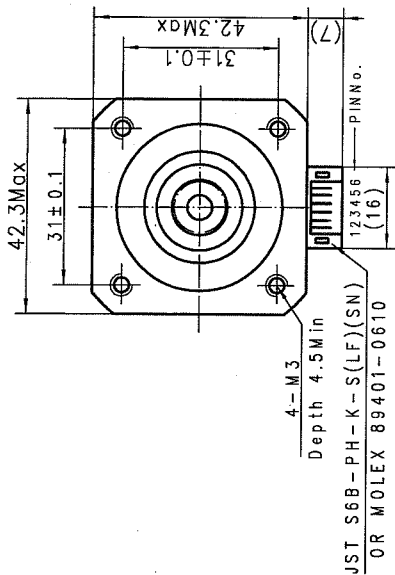
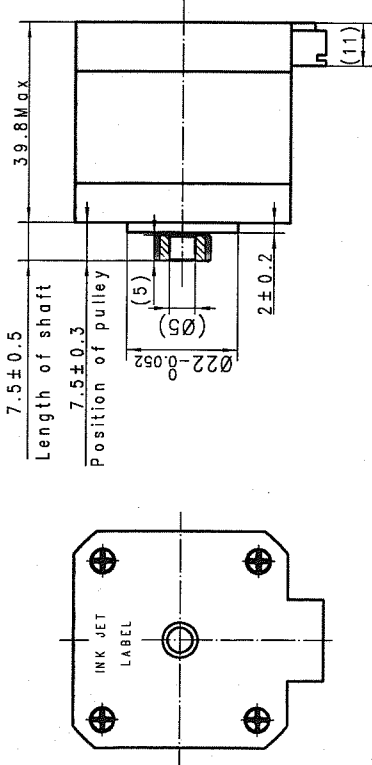
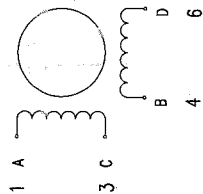


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接线图

Wiring Diagram



励磁顺序 vs. 旋转方向

Exciting Sequence vs. Direction of Rotation

STEP	A	B	C	D	
1	+	+	-	-	CW
2	-	+	+	-	
3	-	-	+	+	CCW
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	4.4 V DC
4. 额定电流 Rated Current	1.0 Amp
5. 保持力矩 Holding Torque	0.5 Nm Typ. (Two phase on/rated current)
6. 相电阻 Phase Resistance	4.4 ohm±10%(20°C)
7. 相电感 Phase Inductance	9.8 mH±20%(1kHz 1V rms)
8. 转子惯量 Rotor Inertia	57 gcm ²
9. 电机重量 Motor Weight	0.28 kg
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=20
压力角 Pressure Angle	α=20°
公法线长度 Base Tangent Length	3.83 ^{+0.02} _{-0.06} (3 齿)
精度 Accuracy	8h GB2353-90
材料 Material	HPb59-1

保密

铭牌 Label Detail

MOONS' STEPPING MOTOR
TYPE 17HD2020-10N
XXXXXXXX YY/MM/DD

Work Order 加工单号
Date Format 日期格式

REV.	REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Type: 17HD2020-10N	Rev.A	SCALE 1:1	Sheet 1 of 1
A	原始版本	2016.09.18		刘冬生	刘冬生	2016.09.18				
	版本记录									

批准 Approve	标准 Standard	工艺 Technology	审核 Check	设计 Design
刘冬生	刘冬生	刘冬生	刘冬生	刘冬生

MOONS'		Hybrid Stepping Motor	
Shanghai MOONS' Electric Co., Ltd.			
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Type: 17HD2020-10N		Rev.A	SCALE 1:1