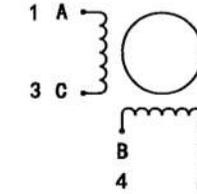


MS17HD2P4200

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	CCW
1	+	+	-	-	↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

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

铭牌1 Label 1 Detail

MOONS' STEPPING MOTOR
Insulation: Class B, 60VDC Max.
2Amps Holding: 0.48Nm
3000RPM Max. **CAUS**
UL FILE No. E465363 XXX

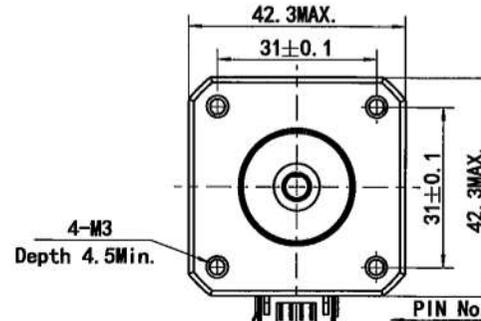
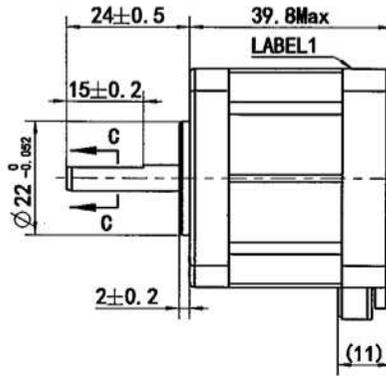
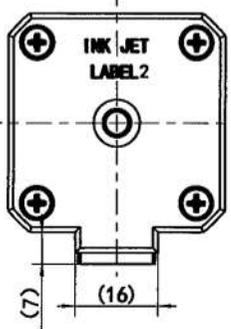
Factory ID
工厂代码

铭牌2 Label 2 Detail

TYPE MS17HD2P4200

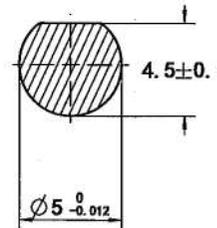
XXXXXXX YY/MM/DD

Work Order Date Format
加工单号 日期格式



JST S6B-PH-K-S (LF) (SN)
or MOLEX 89401-0610

C-C(4:1)



混合式步进电机规格 Hybrid Stepping Motor Specifications

1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	2.08 V DC
4. 额定电流 Rated Current	2 Amp
5. 保持力矩 Holding Torque	0.48 Nm Typ. (Two phase on/rated current)
6. 相电阻 Phase Resistance	1.04 ohm±10% (20°C)
7. 相电感 Phase Inductance	2.2 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)

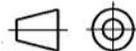
受控文件

日期 2023-09-19

鸣志电器(太仓)有限公司

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 Standardize

工艺 Process Review

审核 Check

设计 Design

MOONS'

moving in better ways

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E1	ECR: 23-317, 共两处	2023. 03. 29
E0	无UL铭牌 Update nameplate	2017. 04. 24
DD	441 mNm Min, Change the nameplate	2013. 01. 24
CO	490 mNm Min.	2012. 11. 07
B0	1. 03ohm, 2. 3mH, 2. 06V, P/N:R17HD40P421	2012. 03. 12
A0	原始版本 Original revision	2011. 07. 18
REV.	版本记录 REVISION RECORD	DATE

UNLESS OTHERWISE SPECIFIED NAMES SIGNATURE DATE Drawing No: 4611110008901 Rev. E1 SCALE: 1:1 Sheet 1 of 1