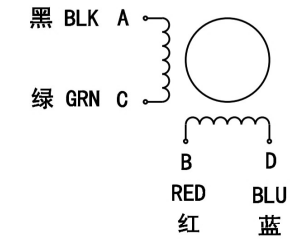


MS17HA5L4100-01G

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 Label Detail

MOONS' STEPPING MOTOR
TYPE: MS17HA5L4100-01G
XXXXXXX YY/MM/DD

Work Order
加工单号

Date Format
日期格式

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

1. 相数 Number of Phase	4
2. 步距角 Step Angle	0.9°
3. 额定电压 Rated Voltage	3.91 V DC
4. 额定电流 Rated Current	1 Amp
5. 保持力矩 Holding Torque	0.18 Nm Typ. (Two phase on/rated current)
6. 相电阻 Phase Resistance	3.91 ohm±10% (20°C)
7. 相电感 Phase Inductance	8.59 mH±20% (1kHz 1V rms)
8. 转子惯量 Rotor Inertia	20 gcm ²
9. 电机重量 Motor Weight	0.15 kg
10. 绝缘等级 Insulation Class	B (130°C)

齿轮箱规格
Gearbox Specification

减速比 Reduction Ratio	5:1
额定转速 Rated speed	1000rpm
瞬间允许负载 Max momentary tolerance torque	3.5Nm
背隙(无负载时) Backlash with No-load	≤0.5°
效率 Efficiency	80%
噪音 Noise	45dB

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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REV.	版本记录 REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Drawing No: 4611110074235	Rev. A1	SCALE: 1:1	Sheet 1 of 1
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