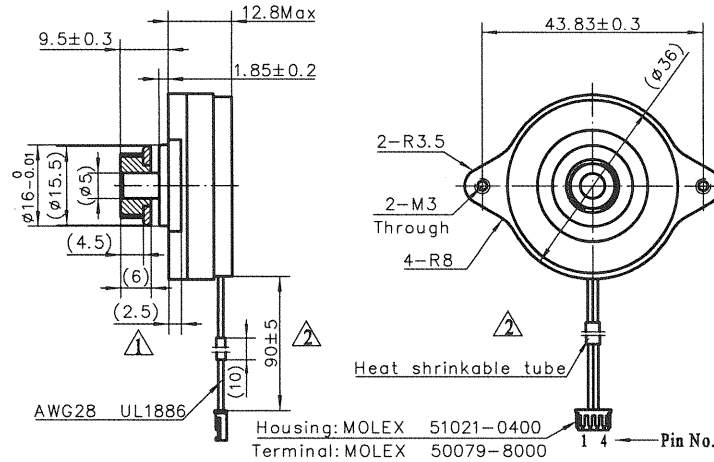
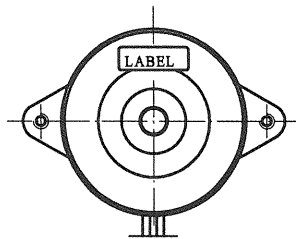


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规格 Specifications

1. 相数 Number of Phase	2
2. 步距角 Step Angle	0.9°
3. 额定电压 Rated Voltage	3.6V DC
4. 额定电流 Rated Current	0.3A
5. 保持力矩 Holding Torque	40mN.m Min. (Two phases on rated current)
6. 相电阻 Phase Resistance	12Ω±10% (20°C)
7. 相电感 Phase Inductance	8mH±20% (1kHz 1V rms)
8. 转子惯量 Rotor Inertia	4g.cm ²
9. 电机重量 Motor Weight	60g
10. 绝缘等级 Insulation Class	B(130°C)

铭牌 LABEL (4:1)

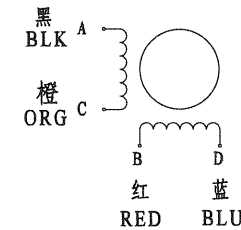
MOONS' STEPPING MOTOR
TYPE 14HK0402-110N
XXXXXXX YY/MM/DD
MADE IN CHINA

Work Order
加工单号

Date Format
日期格式

接线图

Wiring Diagram



连接器针位vs.引线颜色

Pin No. vs. Lead Wire Colour

Pin No.	颜色 Colour
1	黑 Black
2	橙 Orange
3	蓝 Blue
4	红 Red

励磁顺序vs.旋转方向

Exciting Sequence vs. Direction of Rotation

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

从安装面看为顺时针方向

Clockwise view from mounting side

带轮规格 Pulley Specification

齿型 Profile	S2M
齿数 Number of teeth	20
节距 Pitch	2
节圆 Pitch diameter	Ø12.73
齿顶圆 Outside diameter	Ø12.22 ^{+0.05} ₀
材料 Material	HPb59-1

G			Unit: mm	批准 Approve		3-26	MOONS'		Hybrid Stepping Motor		
F			第一角画法 FIRST ANGLE METHOD	标准化 Standard		3-26					
E			未注线性与角度尺寸公差 Tolerances for linear and angular dimensions without individual tolerance indications	工艺 Technology		3-26	Shanghai Moons' Electric Co., Ltd.				
D			GB/T 1804-m eqv ISO 2768-1:m	审核 Check		3-16					
C	90mm was 60mm, add heat shrinkable tube		2014.03.24	设计 Design	杨 羊	2014.03.24	This document is released for information only. Its reproduction in whole or in part or its dissemination to third parties is prohibited. All trademarks and registered trademarks appearing on this document are the property of their respective owners.				
B	Change wire length and flange		2013.08.01								
A	原始版本 Original revision		2013.04.02								
REV.	版本记录 REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Type: 14HK0402-110N	Rev. C	SCALE 1:1	Sheet 1 of 1	