

4611110058673

A

B

C

D

E

F

A

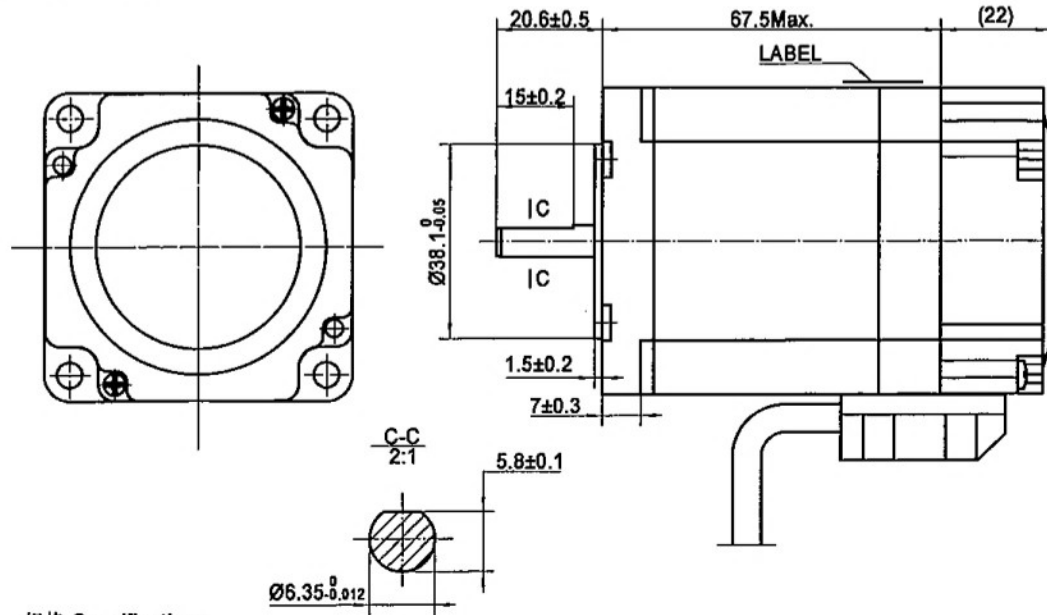
B

C

D

E

F



规格 Specifications

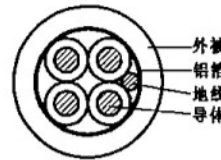
1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	6.3 V DC
4. 额定电流 Rated Current	1.5Amp
5. 保持力矩 Holding Torque	2.2 Nm Typ.(Two phase on/rated current)
6. 相电阻 Phase Resistance	4.2 Ω ±10%(20°C)
7. 相电感 Phase Inductance	12.6 mH±20%(1kHz 1V rms)
8. 转子惯量 Rotor Inertia	560 gcm ²
9. 电机重量 Motor Weight	1.11 kg
10. 绝缘等级 Insulation Class	B(130°C)

编码器 Encoder Detail

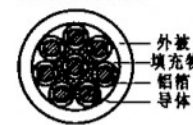
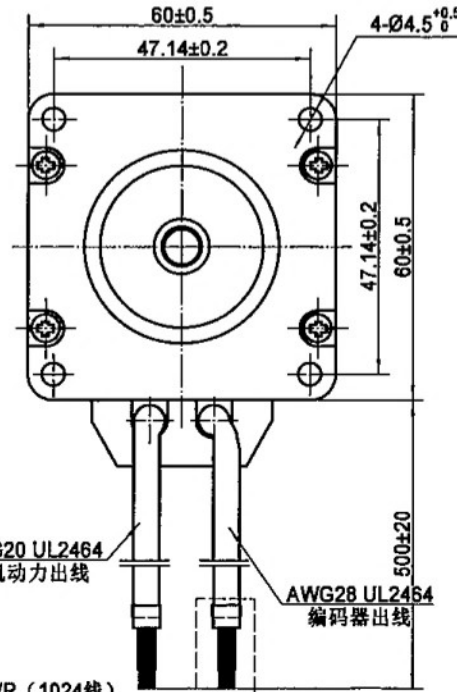
型号(Model): AM4096-1024P/R (1024线)

COLOR	WHT(白)	BLU(蓝)	GRN(绿)	ORG(橙)
SIGNAL	CH A+	CH A-	CH B+	CH B-
COLOR	YEL(黄)	BRN(棕)	RED(红)	BLK(黑)
SIGNAL	CH Z+	CH Z-	+Vcc	GND

电机动力线断面

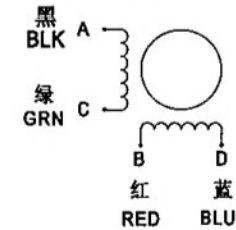


编码器线断面

AWG20 UL2464
电机动力出线AWG28 UL2464
编码器出线防静电袋
ESD BAG

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 MS24HS3L4150-04R
XXXXXXXX YY/MM/DD

Work Order
加工单号Date Format
日期格式

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 tolerances 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

MOONS'

Hybrid Stepping Motor

Shanghai Moons' Electric Co., Ltd.

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.

Type: MS24HS3L4150-04R

Rev.A0

SCALE 1:1

Sheet 1 of 1

REV.

1

2

3

4

5

6

7

8