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A

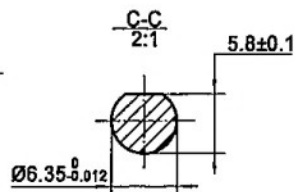
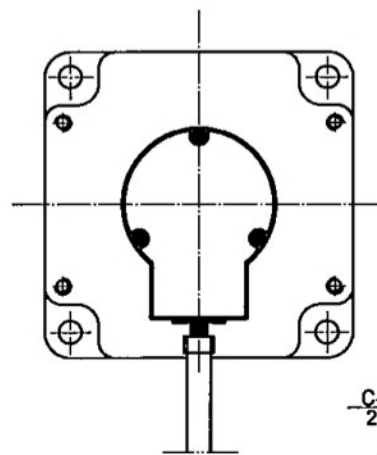
B

C

D

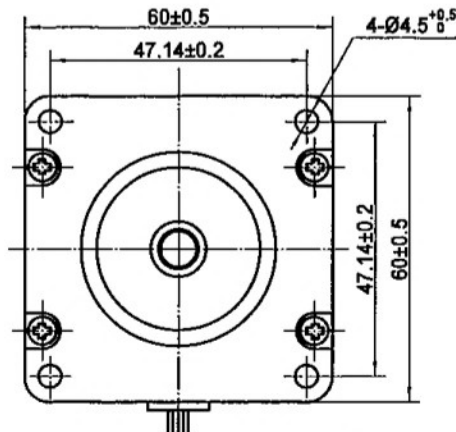
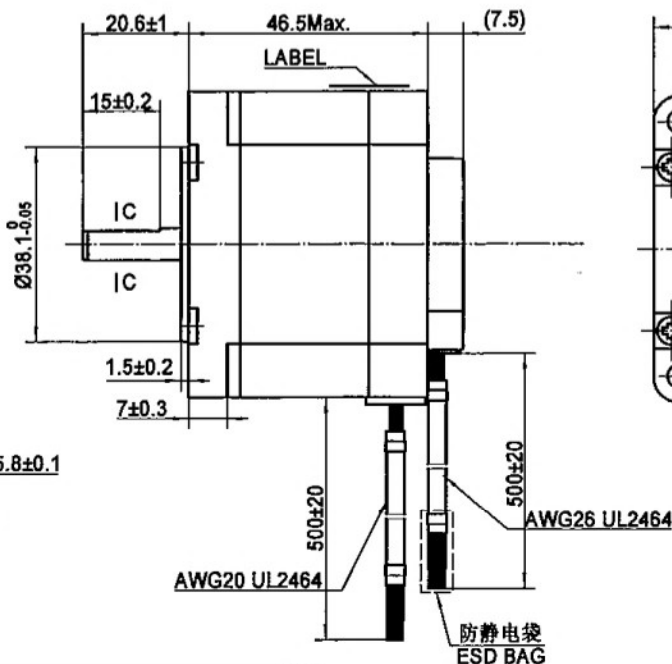
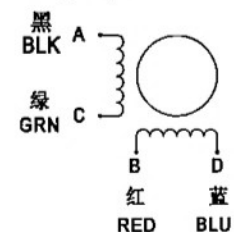
E

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	4.8 V DC
4. 额定电流 Rated Current	1.5 Amp
5. 保持力矩 Holding Torque	1.28Nm Typ.(Two phase on/rated current)
6. 相电阻 Phase Resistance	3.2Ω±10%(20°C)
7. 相电感 Phase Inductance	7.1mH±20%(1kHz 1V rms)
8. 转子惯量 Rotor Inertia	280 gcm²
9. 电机重量 Motor Weight	0.62 kg
10. 绝缘等级 Insulation Class	B(130°C)

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 MS24HS1L4150-08R
XXXXXXXX YY/MM/DDWork Order
加工单号Date Format
日期格式

编码器 Encoder detail(1024 ppr)

SIGNAL	CH A	CH B	+5V	GND
COLOUR	蓝 BLU	绿 GRN	红 RED	黑 BLK

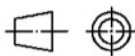
Unit: mm

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.

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A0 原始版本 Original revision

2021.10.19

REV.

版本记录 REVISION RECORD

DATE

UNLESS OTHERWISE SPECIFIED

NAMES

SIGNATURE

DATE

Type: MS24HS1L4150-08R

Rev.A0

SCALE 1:1

Sheet 1 of 1