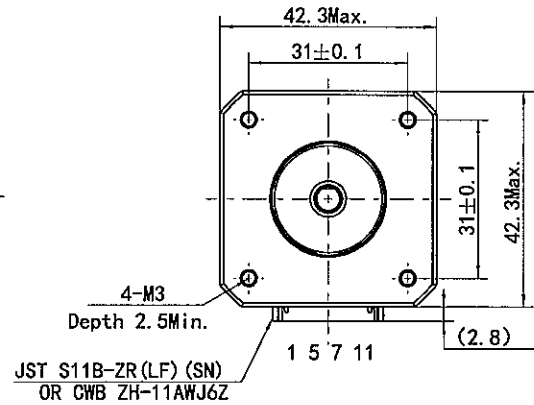
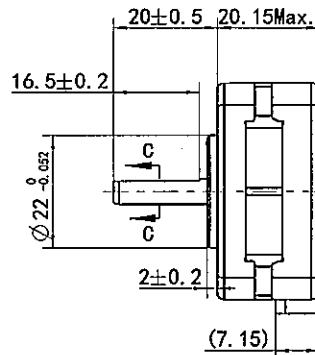
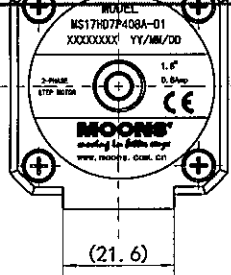
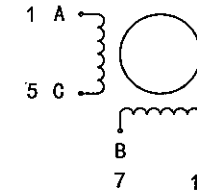


受 控 文 件

上海鸣志电器股份有限公司

接线图  
Wiring Diagram连接器针位vs. 引线颜色  
Pin No. vs. Lead Wire Colour

ZHR-11 PIN NO.	颜色 Colour	XHP-4 PIN NO.
1	BLK 黑	4
5	GRN 绿	3
7	RED 红	2
11	BLU 蓝	1

励磁顺序VS. 旋转方向  
Exciting Sequence vs. Direction of Rotation

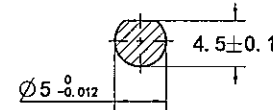
STEP	A	B	C	D	CCW
1	+	+	-	-	↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

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

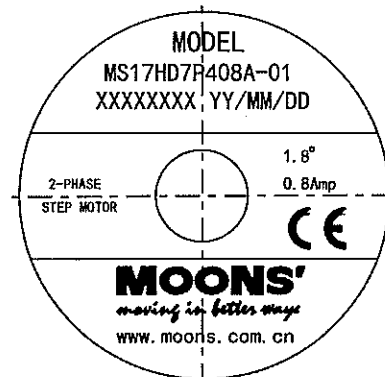
规格 Specifications

1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	4.4 V DC
4. 额定电流 Rated Current	0.8 Amp
5. 保持力矩 Holding Torque	0.17 Nm Typ. (Two phase on/rated current)
6. 相电阻 Phase Resistance	5.5 ohm ±10% (20°C)
7. 相电感 Phase Inductance	6.8 mH ±20% (1kHz 1V rms)
8. 转子惯量 Rotor Inertia	24 gcm <sup>2</sup>
9. 电机重量 Motor Weight	0.12 kg
10. 绝缘等级 Insulation Class	B (130°C)

0-0 (2:1)

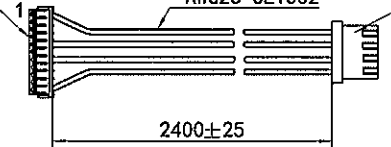


标签 Label Detail



保 密

HOUSING: JST ZHR-11 OR CWB ZH-11Y UL  
TERMINA: JST SZH-002T-P0.5 OR CWB ZH Contact  
HOUSING: JST XHP-4 OR CWB TJC3-4Y UL  
TERMINA: JST SXH-001T-P0.6 OR CWB TJC3 Terminal  
AWG26 UL1332



备注: 磁钢、漆包线耐高温设计

Unit:mm

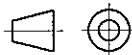
第一角画法

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

吴昊

2021.08.24

标准化 Standardize

张莹

2021.08.24

工艺 Process Review

周加顺

2021.08.24

审核 Check

张书峰

2021.08.24

设计 Design

瞿建强

2021.08.18

MOONS'

Hybrid Stepping Motor

Shanghai Moons' Electric Co., Ltd.

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REV. 版本记录 REVISION RECORD DATE

UNLESS OTHERWISE SPECIFIED

NAMES

SIGNATURE

DATE

Type: MS17HD7P408A-01

Rev. A0

SCALE 1:1

Sheet 1 of 1