

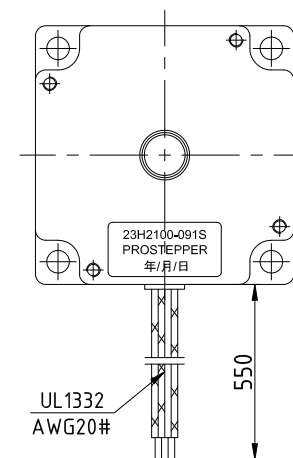
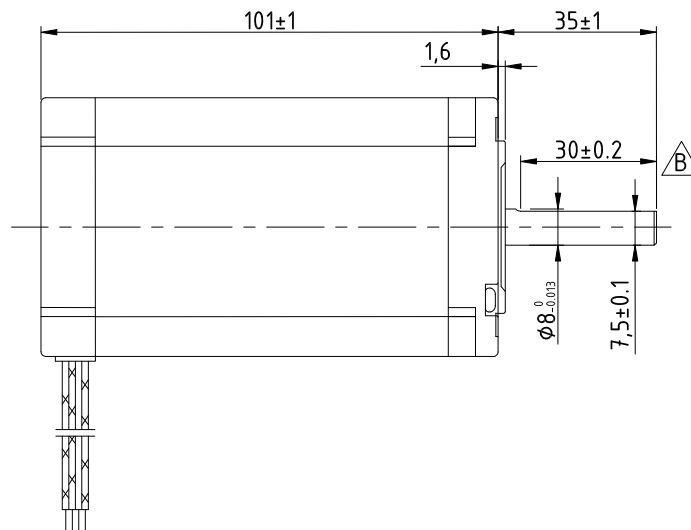
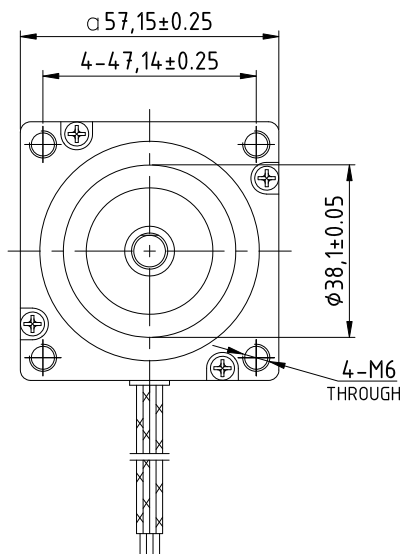
尺寸/Dimensions 单位/Unit=mm

RoHS
COMPLIANT



23H2100-091S

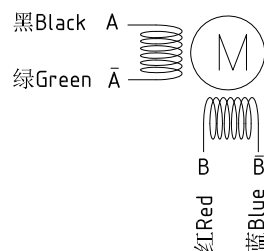
REV:B



电动机规格书/Motor Specification

相数/Number Of Phase	2
基本步距角/Basic Step Angle	1.8°
基本步距角误差(空载)/Positional Accuracy(no-load)	±0.09°以下/Max
额定电流(相)/Rated Current(Phase)	4.0A
电阻(相)/Resistance(Phase)@20℃	0.65Ω±10%
电感(相)/Inductance(Phase)@1KHz	3.0mH±20%
保持力矩/Holding Torque	3.0N·m
转子惯量/Rotor Inertia	≈720g·cm ²
质量/Mass	≈1.4Kg
径向跳动(最大)/Radial Play(Max)	0.025mm(Load/负载 450g)
轴向跳动(最大)/Axial Play(Max)	0.075mm(Load/负载 920g)
额定工作状态/Duty	连续/Continuous
绝缘耐压/Dielectric Strength	500V A.C
绝缘电阻/Insulation Resistance	100MΩ以上/Min
绝缘等级(UL)/Insulation Class(UL)	B
温升/Temperature Rise	80K以下/Max
寿命(小时)/Life(Hours)	5000以上/Min
使用温度范围/Operation Ambient Temperature	0℃~+50℃
使用湿度范围/Operation Ambient Humidity	20%RH~90%RH
保存温度范围/Storage Ambient Temperature	-20℃~+70℃
保存湿度范围/Storage Ambient Humidity	15%RH~95%RH

接线图/Wiring Diagram



励磁顺序 (2相励磁)

Phase Sequence(2 Phase Exciting)

Step	A	B	Ā	B̄
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+
5	+	+	-	-

铭牌内容/Label Discription

第一角画法
First Angle View

F

版本
Edition

扇丝缩短到30mm
初版/First Edition

变更内容
Revisions

批准
Approved
审核
Checked
设计
Designed
制图
Drawn

王海涛
2017. 11. 17
王海涛
2017. 11. 17
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2017. 11. 17

材料
Material
表面处理
Finish
公差
Tolerance
±0.2
NO. 053219
比例
Scale
1:2
页
Sheet
1/1