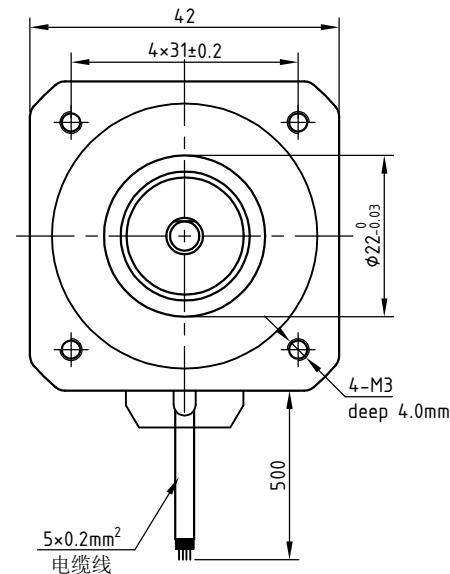
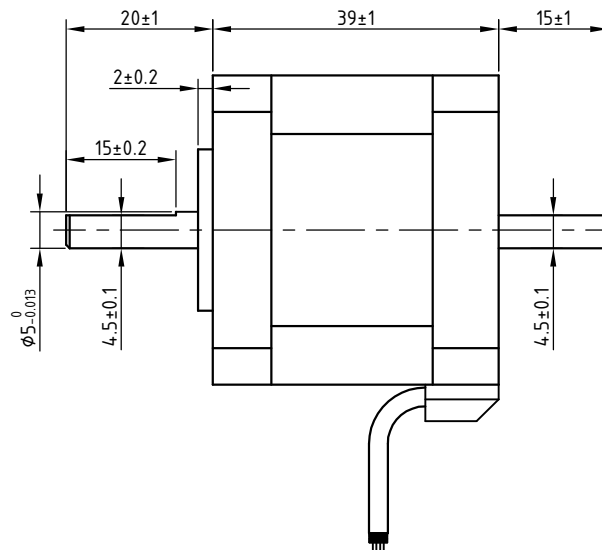
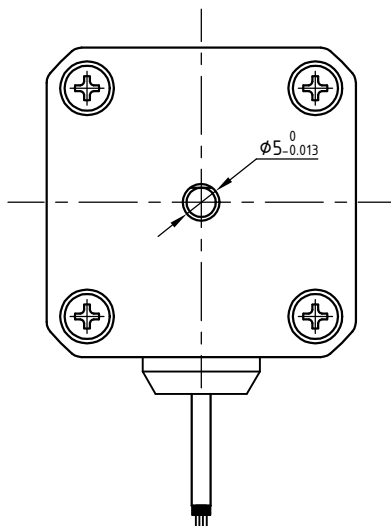


尺寸/Dimensions 单位/Unit=mm

RoHS
COMPLIANT



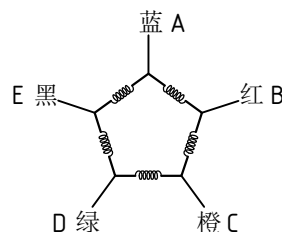
42CM03-D V2.0



电动机规格书/Motor Specification

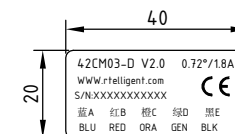
相数/Number Of Phase	5
基本步距角/Basic Step Angle	0.72°
基本步距角误差(空载)/Positional Accuracy(no-load)	±5%以下/Max
额定电流(相)/Rated Current(Phase)	1.8A
电阻(相)/Resistance(Phase)@20℃	0.48Ω±10%
电感(相)/Inductance(Phase)@1KHz	0.46mH±20%
保持力矩/Holding Torque	0.3N·m
转子惯量/Rotor Inertia	≈g·cm²
质量/Mass	0.3Kg
径向跳动(最大)/Radial Play(Max)	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 Min/500VDC
绝缘等级(UL)/Insulation Class(UL)	B
温升/Temperature Rise	80K以下/MAX
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

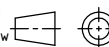


励磁顺序 (5相励磁) Phase Sequence(5 Phase Exciting)

铭牌内容/Label Discription



第一角画法
First Angle View



材 质
Material

表面处理
Finish

公差
Tolerance ±0.2

比例
Scale 1:1

NO. 页
Sheet 1/1

初版/First Edition

变更内容
Revisions

设计
Designed

日期
Date

批 准
Approved

审 核
Checked

设 计
Designed

制 图
Drawn

HXY

23.06.29