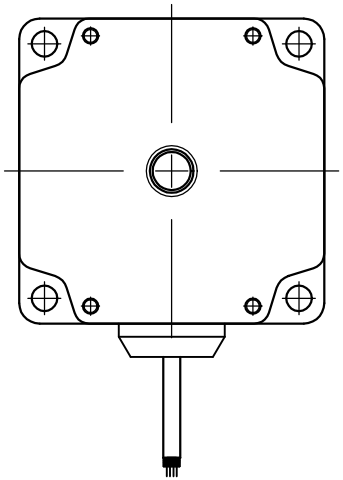
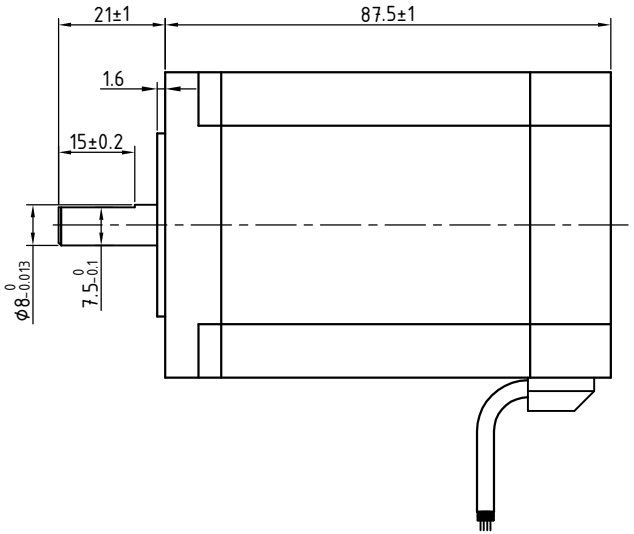
尺寸/Dimensions 单位/Unit=mm

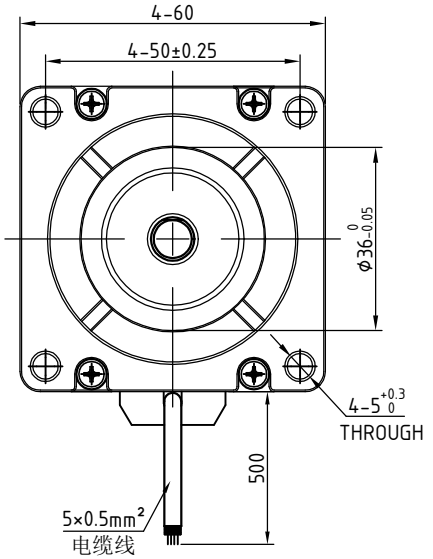
RoHS COMPLIANT

CE

60CM21 V2.0



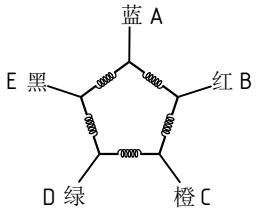




电动机规格书/Motor Specification

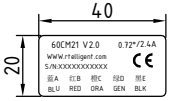
相数/Number Of Phase	5
基本步距角/Basic Step Angle	0.72°
基本步距角误差(空载)/Positional Accuracy(no-load)	±5%以下/Max
额定电压(相)/Rated VOLTAGE(Phase)	V(DC)
额定电流(相)/Rated Current(Phase)	2.4A
电阻(相)/Resistance(Phase)@20℃	0.69Ω±15%
电感(相)/Inductance(Phase)@1KHz	3.0mH±20%
保持力矩/Holding Torque	2.25N · m
转子惯量/Rotor Inertia	≈560g · cm²
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 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

版本 Edition	变更内容 Revisions	设计 Designed	日期 Date
05			
04			
03			
02			
01	机身长度加长，端盖更改		24.07.02
00	初版/First Edition		

批准 Approved			材质 Material	
审核 Checked			表面处理 Finish	
设计 Designed	HXY	22.09.16	公差 Tolerance	±0.2	NO.	
制图 Drawn			比例 Scale	1:1	页 Sheet	1/1