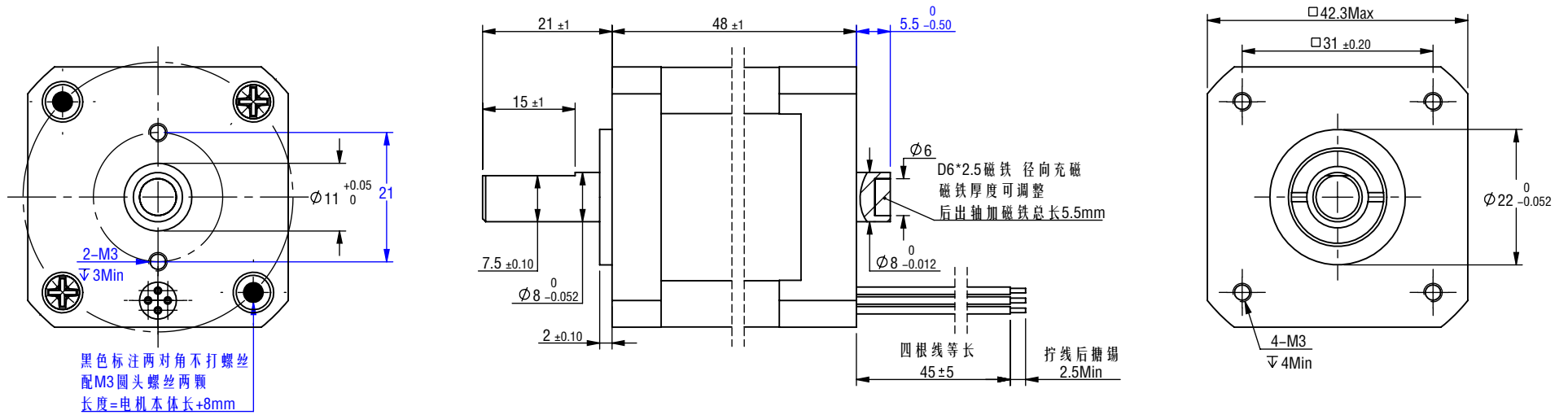


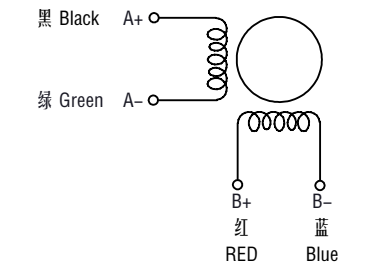
※ 尺寸/Dimensions 单位/Unit: (mm)



※ 电机规格/Motor Specification

相数/No. of phase	2 相/phase
步距角/Basic step angle	1.8°
步距角误差(空载)Positional accuracy(no-load)	±0.09° 以下/Max
额定电流/Rated current	2.0 A
保持扭矩/Holding torque	0.5 N.m
相电阻/Phase resistance	1.35 ± 10% ohm(20°C)
相电感/Phase inductance	2.3 ± 20% mH(1KHz)
转子惯量/Rotor inertia	≈ 77 g.cm <sup>2</sup>
重量/Weight	≈ 0.36 Kg
绝缘耐压/Dielectric strength	500V A.C
绝缘电阻/Insulation resistance	100MΩ 以上/MIN
绝缘等级/Insulation class	B
使用温度范围/Operation ambient temperature	0°C~+50°C
使用湿度范围/Operation ambient humidity	20%RH~90%RH
保存温度范围/Storage ambient temperature	-20°C~+70°C
保存湿度范围/Storage ambient humidity	15%RH~95%RH

※ 接线图/Wiring diagram

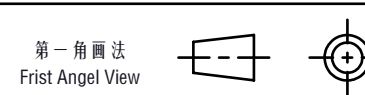
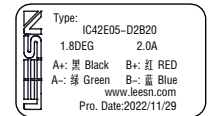


※ 励磁顺序 (2相励磁)  
Phase sequence(2 phase exciting)

Step	A	A-	B	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW (Clockwise) and CCW (Counter-clockwise) directions are indicated.

※ 铭牌内容  
Label description



名称/Name  
两相步进电机  
2 phase stepping motor

型号/Model  
IC42A05-D2B20

品号/Product No.

版本.Rev	日期/Date	变更内容/Revision record	公差 Tolerance	比例 Scale	页码 Sheet	客户型号 Customer model	客户品号 Customer Product No.
B	2022/11/29	后出轴改为负公差; 后盖盖加两个M3螺丝孔, 配的两颗螺丝减短1MM	±0.3	1:1	1/1		
A	2022/07/06	初版					
制图 Drawn	Name	Date	设计 Design	Name	Date	<b>深圳市立三机电有限公司</b> <b>Shenzhen Lisan Machinery &amp; Electric Co., Ltd</b>	
审核 Checked			批准 Approved				