AS5600 编码器板文档/AS5600 Encoder Board Document
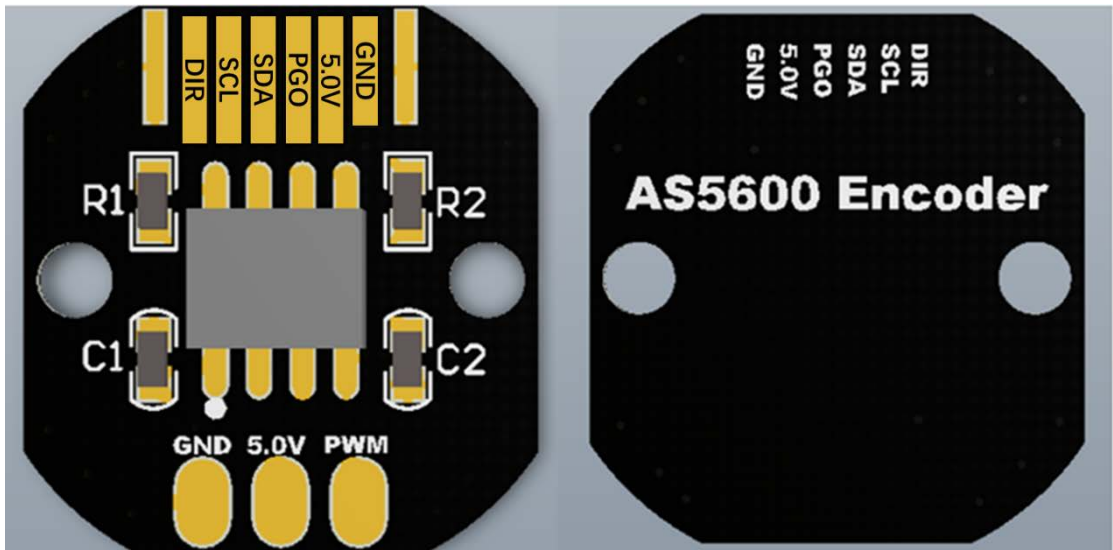
引脚描述(Pin Description)

名称(NAME)	类型(TYPE)	说明(Description)
GND	电源(Supply)	电源地(Ground)
5.0V	电源(Supply)	5V 直流电源(supply in 5V)
PWM	输出(Output)	460Hz PWM 输出(460Hz PWM Output)
PGO	输入(Input)	编程引脚(Program option)
SDA	输入/输出(Input/Output)	I²C 数据引脚(I²C Data)
SCL	输入(Input)	I²C 时钟引脚(I²C Clock)
DIR	输入(Input)	方向(Direction polarity)

尺寸(Size)
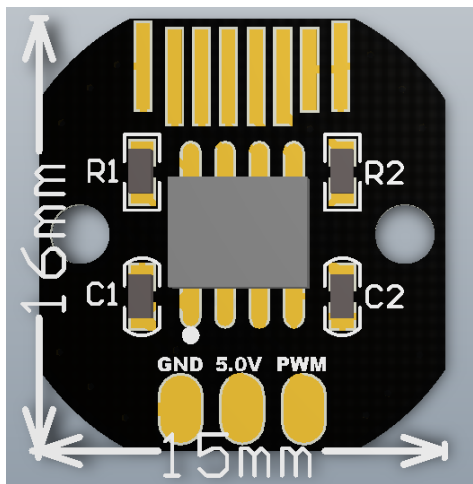
- PCB 的尺寸为（15*16mm）；
- The Size of PCB is 15*16mm;
- PCB 四角的圆弧为半径 9mm 的同心圆；
- The circular arc of the PCB four angle is the concentric circle of the radius 9mm;
- 定位孔的直径为 2.2mm，并且两个定位孔之间的距离为 12mm；
- The diameter of the positioning hole is 2.2mm, and the distance between the two positioning holes is 12mm.
- 以上与实际尺寸有细微偏差(There is a slight deviation in the actual size)

磁铁安装要求（Magnet installation requirements）
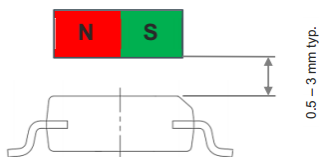
- 根据磁铁，磁铁与编码器表面距离为 0.5-3mm；
- The typical airgap is between 0.5 mm and 3 mm, and it depends;