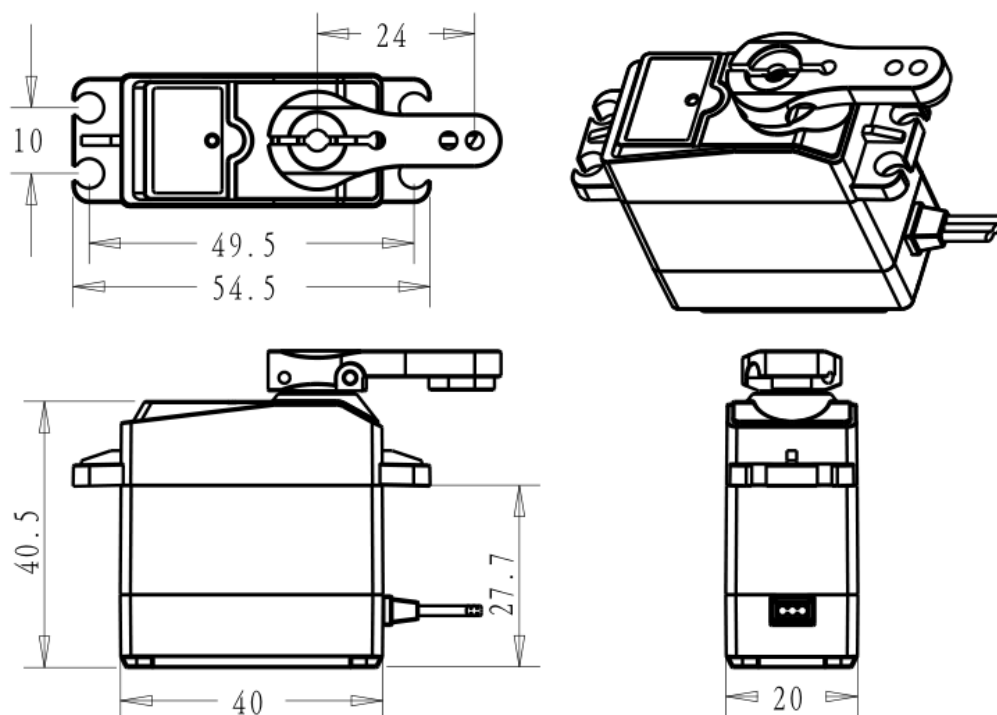




产品型号 (Product Name) : DS3115

产品描述 (Product Description) : 6V 15kg RC Digital Servo

产 品 图 (Drawing)



1. 使用环境条件Apply Environmental Condition

No.	Item	Specification
1-1	存储温度 Storage Temperature Range	-30℃～80℃
1-2	运行温度 Operating Temperature Range	-15℃～70℃
1-3	工作电压范围Operating Voltage Range	4.8-6.8V

2. 机械特性Mechanical Specification

No.	Item	Specification
2-1	尺寸 Size	40*20*40.5mm
2-2	重量 Weight	60g
2-3	齿轮比 Gear ratio	275
2-4	轴承 Bearing	Double bearing
2-5	舵机线 Connector wire	300±5mm
2-6	马达 Motor	3-pole(k)
2-7	防水性能Waterproof performance	NO

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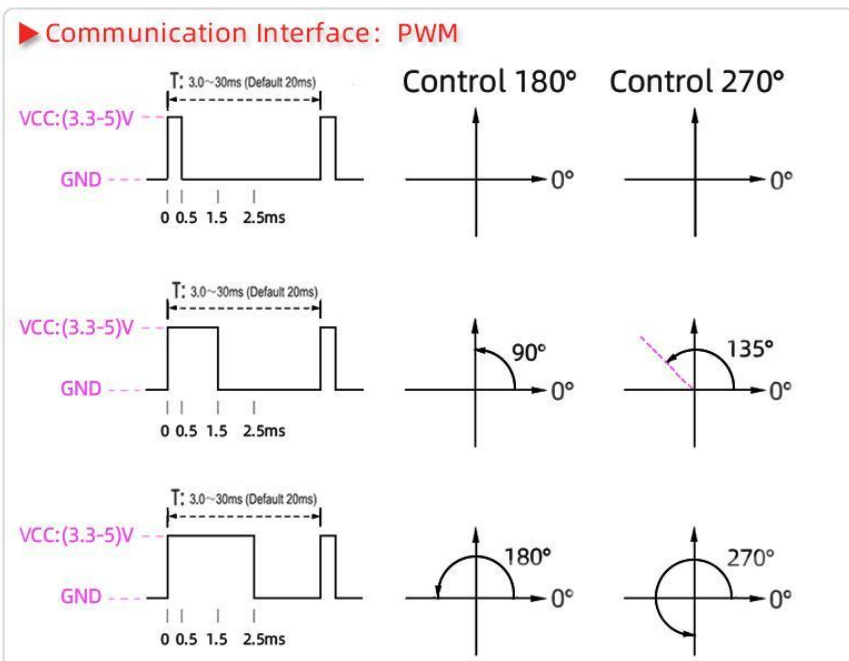
3. 电气特性Electrical Specification

No.	工作电压Operating Voltage	5V	6.8V
3-1	待机电流 Idle current(at stopped)	4mA	5mA
3-2	空载转速Operating speed (at no load)	0.16 sec/60°	0.14sec/60°
3-3	堵转扭矩Stall torque (at locked)	15 kg-cm	17 kg-cm
3-4	堵转电流Stall current (at locked)	1.6A	2.5A

4. 控制特性Control Specification

No.	Item	Specification
4-1	驱动方式Control System	PWM(Pulse width modification)
4-2	脉宽范围 Pulse width range	500~2500μsec
4-3	中点位置 Neutral position	1500μsec
4-4	控制角度 Running degree	180° or 270° (when 500~2500 μ sec)
4-5	控制精度 Dead band width	3 μsec
4-6	控制频率Operating frequency	50-330Hz
4-7	旋转方向 Rotating direction	Counterclockwise (when 500~2500 μsec)

5. 关于PWM控制说明About PWM Control



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