东莞市达盛舵机科技有限公司

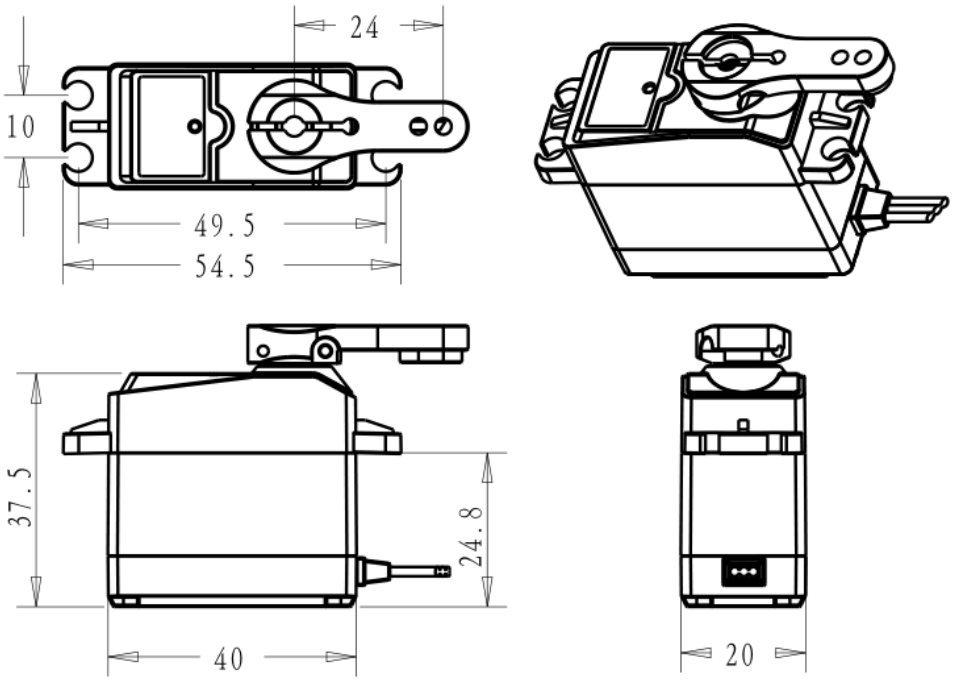
Dongguan City Dsservo Technology Co.,Ltd

产品规格书(Product datasheet)

产品型号 (Product Name): BLS3225 (Black)

产品描述 (Product Description): 7.4V 0.055sec High Speed Brushless 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	4.8-8.4V

2. 机械特性 Mechanical Specification

No.	Item	Specification
2-1	尺寸 Size	40*20*37.5mm
2-2	重量 Weight	60g
2-3	齿轮比 Gear ratio	175
2-4	轴承 Bearing	Double bearing
2-5	舵机线 Connector wire	300±5mm
2-6	马达 Motor	Brushless motor
2-7	防水性能 Waterproof performance	IP67

更多的舵机规格书和 3D 模型，请到网站下载(For more servo datasheet and 3D files, please go to the website to download) www.dsservo.com

3. 电气特性 Electrical Specification

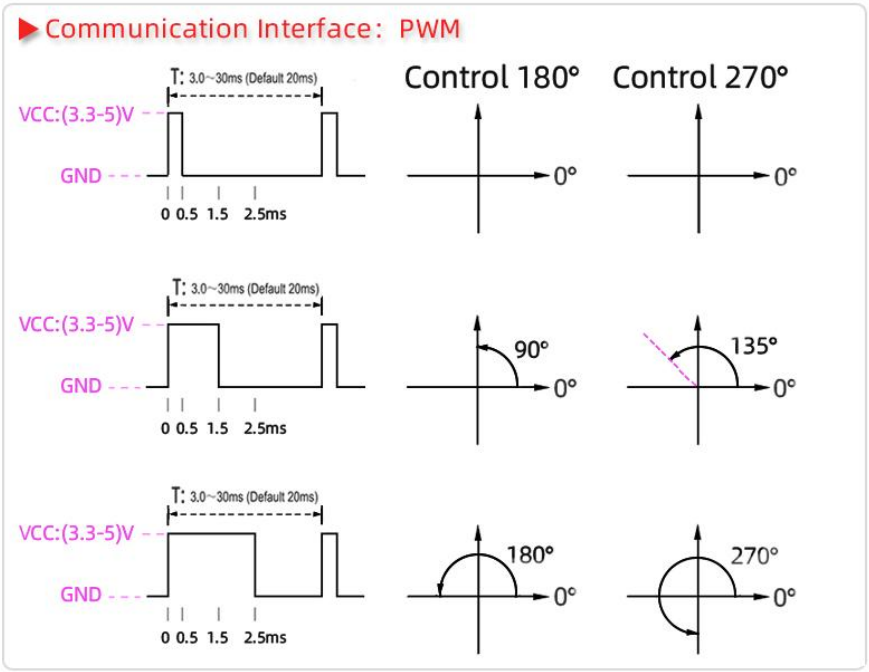
No.	工作电压 Operating Voltage	4.8V	6V	7.4V	8.4V
3-1	待机电流 Idle current(at stopped)	5mA	5mA	5mA	5mA
3-2	空载转 Operating speed (at no load)	0.08 sec/60°	0.065 sec/60°	0.055 sec/60°	0.05sec/60°
3-3	堵转扭矩 Stall torque (at locked)	15 kg-cm	18 kg-cm	22 kg-cm	25 kg-cm
3-4	堵转电流 Stall current (at locked)	3.2A	4 A	5.2 A	6.2A

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	2 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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