



## HIGH PERFORMANCE DIGITAL SERVOS

### Servo Name/Number: MG5921HV

Control System	PWM Control (1500 u-sec is the central point) Pulse Width: 1000-2000 $\mu$ s=90° Dead Band: 2 $\mu$ s 1520 $\mu$ s/330hz	
Working Voltage	6.0 ~ 8.4V	
Working Temperature	-20°C ~ +60°C	
Testing Voltage	<b>@6.0V</b>	<b>@8.4V</b>
Torque	17.2kg.cm	20.3kg.cm
Idle Speed	0.15s / 60°	0.12s / 60°
Idle Current	390mA	580mA
Load Current	550mA	820mA
Dead Band	2usec	
Lifetime	> 30,000 times without load	
Moving Angle	60° ± 10°	
Drive Type	MOS drive	
Motor Type	Coreless motor	
Potentiometer Type	Direct drive	
Signal Booster Type	Digital	
Size	40.5 x 20 x 36.5mm	
Weight	59g	
Ball Bearing	2BB	
Gear Material	Metal Gear	
Case Material	PA66+40%, PA66+Fibre40%	
Wire Length	260mm	
Wire Gauge No & Plug Type	26AWG, JR Plug	
Brown Wire	Negative	
Red Wire	Positive	
Orange	Signal	
Application	Radio Control Car, Aeroplane, Helicopter	

