



HIGH PERFORMANCE DIGITAL SERVOS

Servo Name/Number: PG4906DS 6.2Kg.cm/0.12s Standard 6V Digital Servo (Plastic Gear)

Control System	PWM Control (1500 u-sec is the central point) Dead Band: 2μs 1520μs/330hz	
Working Voltage	4.8V ~ 6.0V	
Working Temperature	-20°C ~ +60°C	
Testing Voltage	@4.8V	@6.0V
Torque	5.7kg.cm	6.2kg.cm
Idle Speed	0.14s / 60°	0.12s / 60°
Idle Current	350mA	450mA
Load Current	700mA	900mA
Dead Band	2usec	
Lifetime	> 15,000 times without load	
Moving Angle	60° ± 10°	
Drive Type	MOS Drive	
Motor Type	Cored Motor	
Potentiometer Type	Direct Drive	
Signal Booster Type	Digital	
Size	40.5 x 20.2 x 38mm	
Weight	49g	
Ball Bearing	2BB	
Gear Material	Plastic 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	

