



HIGH PERFORMANCE DIGITAL SERVOS

**Servo Name/Number:** MG1703DS 3.3Kg.cm/0.10s Mini Digital Servo

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	<b>@4.8V</b>	<b>@6.0V</b>
Torque	3kg.cm	3.5kg.cm
Idle Speed	0.12s / 60°	0.1s / 60°
Idle Current	100mA	120mA
Load Current	150mA	170mA
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	30 x 12 x 31.7mm	
Weight	17.5g	
Ball Bearing	1BB	
Gear Material	Metal Gear	
Case Material	PC+ABS	
Wire Length	2200mm	
Wire Gauge No & Plug Type	28AWG, JR Plug	
Brown Wire	Negative	
Red Wire	Positive	
Orange	Signal	
Application	Radio Control Car, Aeroplane, Helicopter	

