



HIGH PERFORMANCE DIGITAL SERVOS

Servo Name/Number: MG7245HV

Control System	PWM Control (1500 u-sec is the central point)	
Working Voltage	6.0 ~ 8.4V	
Working Temperature	-20°C ~ +60°C	
Testing Voltage	@6.0V	@8.4V
Torque	38.6kg.cm	45.9kg.cm
Idle Speed	0.12s / 60°	0.1s / 60°
Idle Current	300mA	410mA
Load Current	500mA	810mA
Dead Band	1usec	
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 20.5 x 36mm	
Weight	72g	
Ball Bearing	2BB	
Gear Material	Metal Gear	
Case Material	Aluminium Case	
Wire Length	265mm	
Wire Gauge No & Plug Type	26AWG, JR Plug	
Brown Wire	Negative	
Red Wire	Positive	
Orange	Signal	
Application	Radio Control Car, Aeroplane, Helicopter	

