

HG-D251MG DIGITAL SERVO(CORELESS MOTOR)

◆TECHNICAL DATA

CONTROL SYSTEM	: PULSE WIDTH CONTROL	
OPERATING VOLTAGE	: 4.8V ~ 6.0V	
OPERATING TRAVEL	: 30°/ ONE SIDE PULSE TRAVELING 370usec	
DIRECTION	: COUNTERCLOCKWISE/ PULSE TRAVELING 1500 TO 1870	
TEST VOLTAGE	: AT 4.8V	: AT 6.0V
OPERATING SPEED	: 0.16s/60°	: 0.13s/60°
STALL TORQUE	: 5.4Kg.cm(63.88oz.in)	: 6.2Kg.cm(72.21oz.in)
DYNAMIC TORQUE	: 4.8Kg.cm(51.38oz.in)	: 5.6Kg.cm(65.27oz.in)
DEAD BAND WIDTH	: 2us	

◆FEATURES

AMPLIFIER TYPE	: DIGITAL PULSE WIDTH CONTROLLER & FET DRIVER
LONG LIFE POTENTIOMETER	: 500,000 cycles
MOTOR TYPE	: CORELESS MOTOR
TOP BALL BEARING	: MR106 BALL BEARING
GEAR MATERIAL	: HEAVY DUTY CARBONITE GEAR & METAL GEARS
HORN GEAR SPLINE	: 25 SEGMENTS/ Ø5.96(FUTABA TYPE)
SPLINED HORNS	: 4 CLASS
CONNECTOR WIRE LENGTH	: 270mm(10.63in)
CONNECTOR WIRE STRAND COUNTER	: 0.08mmx30EA

◆DIMENTIONS

SIZE	: 30.0x13.0x31.5mm(1.18x0.51x1.24in)
WEIGHT	: 21.11g(0.74oz)

