

High Torque Large Servo

Particular Specification 詳細規格

Item No.	BMS-L530MG
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1. Electrical Specification (Function Of The Performance) 電氣特性

1-1	Torque @ 4.8V	19.8 kg-cm / 275 oz-in
1-2	Torque @ 6.0V	24.3 kg-cm / 338 oz-in
1-3	Speed @ 4.8V	0.15 sec / 60°
1-4	Speed @ 6.0V	0.12 sec / 60°

2. Apply Environmental Condition 使用環境條件

2-1	Operating Voltage Range	4.5V ~ 6.5V
2-2	Operating Temperature Range	-10°C ~ +60°C (+14°F ~ +140°F)
2-3	Application / Suitable	1/5, 1/6 Monster Truck. TOC. On-Road Car

3. Control Specification 控制特性

3-1	Control System	Analog Controller
3-3	Working Frequency & Neutral	250Hz & 1520us
3-5	Rotating Direction	Clockwise / Pulse Traveling 1500 ~ 1900u sec
3-6	Operating Travel	90° (When 1100 ~ 1900 μ sec)

5. Mechanical Specification 機械特性

5-1	Ball Bearing	Dual Ball Bearings
5-2	Gears Type	All Metal gears
5-4	Outside Case	Industrial Plastic Cases
5-5	Horn / Gear Spline	15 Teeth (Universal Type)
5-6	Connected Cable Length	300 mm (11.81 in)
5-7	Connected Housing	Universal Connector

6. Outline Drawing 外觀尺寸

6-1	Dimension (mm)	59.6 x 29.9 x 55.4 mm / 2.35 x 1.18 x 2.18 in
6-2	Weight (gram)	140.5 ± 1 grams / 4.96 oz
6-3	Product Picture / Dimension Sketch	