



PRODUCT SPECIFICATION

B11DLS

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520 μ S		
Signal Mode	Digital		
Dead band	4 μ Sec		
Operating Voltage	4.8V ~ 6.0V		
Operating Temperature	-15C° ~ +70C°		
Bearing	Single Bearing		
Mechanical Angle	200°		
Size	23*12.1*23.8mm		
Net Weight	14.6g		
Wire	JR 180mm / 26AWG		
Operating Travel	180° \pm 10°		
Signal Range	500 to 2500 μ Sec		
Stall Torque	2.2 kg-cm (30 oz-in) @ 4.8V 2.8 kg-cm (39 oz-in) @ 6.0V	Unload Current	200mA @ 4.8V 250mA @ 6.0V
Operating Speed	0.12sec/ 60° @ 4.8V 0.10sec/ 60° @ 6.0V	Loading Current	1000mA @ 4.8V 1200mA @ 6.0V
Direction	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
Waterproof Level	<input type="checkbox"/> IP65 <input type="checkbox"/> IP67		
Angle Sensor	<input checked="" type="checkbox"/> Potentiometer <input type="checkbox"/> Magnet Angle Sensor		
Motor Type	<input type="checkbox"/> Brushless <input type="checkbox"/> Coreless <input checked="" type="checkbox"/> DC		
Motor Drive	<input type="checkbox"/> FET Drive <input checked="" type="checkbox"/> IC Drive <input type="checkbox"/> Transistor Drive		
Programmable	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Gear Material	<input checked="" type="checkbox"/> Strength Steel <input type="checkbox"/> Titanium <input type="checkbox"/> Copper <input type="checkbox"/> Plastic		
Horn Gear Spline	<input type="checkbox"/> 25T- ϕ 5.92mm <input type="checkbox"/> 25T- ϕ 4.94mm <input checked="" type="checkbox"/> Other <u>21T-ϕ4.9</u>		
Case Material	<input type="checkbox"/> AL6061T6 <input type="checkbox"/> Aluminum + Plastic <input checked="" type="checkbox"/> Plastic		
Bearing Material	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic		
Horn Accessories	<input type="checkbox"/> AL6061T6 <input checked="" type="checkbox"/> Plastic		
Wire Color	Negative: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Brown Positive: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal: <input type="checkbox"/> Grey <input type="checkbox"/> White <input checked="" type="checkbox"/> Orange		

UNIT:MM