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Specification Sheet

Item No.	S8101
Type	Digital
Weight	56g
Size	40.8*20.1*37.6mm
Control System	(+)Pulse Width Control 1500usec Neutral
Operating Voltage	6.0~7.4Volts
Operating Temperature Range	(-)10 to +50 degree C
Operating Speed (6.0V)	0.16sec/60° at no load
Operating Speed (7.4V)	0.14sec/60° at no load
Stall Torque (6.0V)	12kg.cm
Stall Torque (7.4V)	13kg.cm
Operating Angle	90deg.one side pulse traveling 500 usec
360 Modifiable	No
Direction	Anticlockwise/Pulse Traveling 1000~2000usec
Current Drain (6.0V)	20mA/idle and160mA no load operating
Current Drain (7.4V)	20mA/idle and 200mA no load operating
Stall Current	2.7A/2.8A
Dead Band Width	3usec
Motor Type	Iron core
Bearing Type	double ball bearing
Horn gear spline	25T
Gear Type	Metal
Connector Wire Length	300mm
Wire info	Brown/Black = Negative
	Red = Positive
	Orange/White = Signal