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Specification Sheet

Item No.	S8221
Type	Digital
Weight	13g
Size	22.9*12*25.4mm
Control System	(+)Pulse Width Control 1500usec Neutral
Operating Voltage	4.8~6.0Volts
Operating Temperature Range	(-)10 to +50 degree C
Operating Speed (6.0V)	0.10sec/60° at no load
Operating Speed (7.4V)	0.08sec/60° at no load
Stall Torque (6.0V)	1.0kg.cm
Stall Torque (7.4V)	1.2kg.cm
Operating Angle	45deg.one side pulse traveling 500 usec
360 Modifiable	No
Direction	Anticlockwise/Pulse Traveling 1000~2000usec
Current Drain (6.0V)	10mA/idle and 120mA no load operating
Current Drain (7.4V)	10mA/idle and 140mA no load operating
Stall Current	0.9A/1A
Dead Band Width	2usec
Motor Type	Iron core
Bearing Type	single bearing
Horn gear spline	21T
Gear Type	Metal
Connector Wire Length	180mm
Wire info	Brown/Black = Negative
	Red = Positive
	Orange/White = Signal