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## Specification Sheet

<b>Item No.</b>	S8510
<b>Type</b>	Digital
<b>Weight</b>	36g
<b>Size</b>	35*15*30.2mm
<b>Control System</b>	(+)Pulse Width Control 1500usec Neutral
<b>Operating Voltage</b>	4.8~6.0Volts
<b>Operating Temperature Range</b>	(-)10 to +50 degree C
<b>Operating Speed (6.0V)</b>	0.10sec/60° at no load
<b>Operating Speed (7.4V)</b>	0.08sec/60° at no load
<b>Stall Torque (6.0V)</b>	2.0kg.cm
<b>Stall Torque (7.4V)</b>	2.5kg.cm
<b>Operating Angle</b>	45deg.one side pulse traveling 500 usec
<b>360 Modifiable</b>	No
<b>Direction</b>	Anticlockwise/Pulse Traveling 1000~2000usec
<b>Current Drain (6.0V)</b>	20mA/idle and 100mA no load operating
<b>Current Drain (7.4V)</b>	20mA/idle and 120mA no load operating
<b>Stall Current</b>	1.4A/1.7A
<b>Dead Band Width</b>	2usec
<b>Motor Type</b>	Coreless motor
<b>Bearing Type</b>	ball bearing
<b>Horn gear spline</b>	25T
<b>Gear Type</b>	Metal
<b>Connector Wire Length</b>	250mm
<b>Wire info</b>	Brown/Black = Negative
	Red = Positive
	Orange/White = Signal