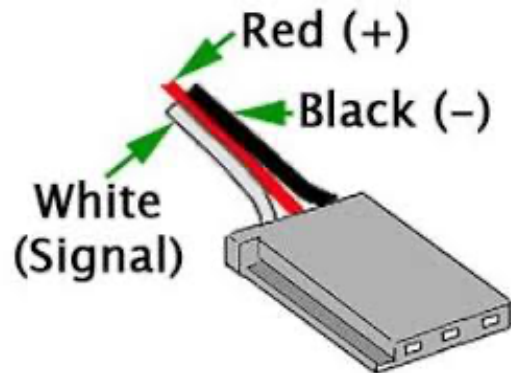


S3003 FUTABA SERVO DATASHEET



S3003 FUTABA SERVO – Detailed Specifications

Control System:	Pulse Width Control	Current Drain (5.0V):	7.2mA/idle
Required Pulse:	3-5 Volt Peak to Peak Square Wave	Current Drain (6.0V):	8mA/idle
Operating Voltage:	5.0 – 6.0 Volts	Direction:	Counter-Clockwise /Pulse Traveling 550 μ s – 2400 μ s
Operating Temperature Range:	-20°C to +60°C	Motor Type:	3 Pole Ferrite
Operating Speed (5.0V):	0.23sec/60° at no load	Potentiometer Drive:	Indirect Drive
Operating Speed (6.0V):	0.19sec/60° at no load	Bearing Type:	Plastic Bearing
Stall Torque (5.0V):	31.1 Ncm	Gear Type:	All Nylon Gears
Stall Torque (6.0V):	40.1 Ncm	Connector Wire Length:	12"
Operating Angle:	0° - 180°	Dimensions:	41 x 20 x 36 mm
360° Modifiable:	Yes	Weight:	37.2 g