


HS-805BB General Specification.



MEGA 1/4 SCALE SERVO

Control system	PWM			-	
Position sensor type	Contact Analog Potentiometer			-	
Operating voltage range	4.8 ~ 6.0 V			-	
Motor type	Cored Carbon brush			-	
Voltage	4.8V	6.0V	-	At 25°C, 45% (±10%) measurement environment	
No load speed	0.19sec/60°	0.14sec/60°	-		
Stall torque	19.8 kgfcm(274.97oz-in)	24.7 kgfcm(343.02oz-in)	-		
Standing current	8.0mA	8.0mA	-		
No load running current	700mA	700mA	-		
Stall current	-	-	-		
Dead band width	8usec	8usec	-		
Operating travel	45°/One side pulse traveling 400usec				-
Operating temperature range	-20°C ~ +60°C (-4°F ~ +140°F)				-
Vibrations at no load	-				-
Storage temperature range	-30°C ~ +80°C (-31°F ~ +176°F)			-	
Connector wire length	300mm(11.81inch)				
Connector wire gauge	22AWG				
Dimensions	66.0 mm x 30.0 mm x 57.6 mm (2.6 inch x 1.18inch x 2.27inch)			-	
Weight	152.0 g(5.36oz)			-	
Ball bearing	Dual Ball Bearing			-	
Case material	Engineering Plastic			-	
Gear material	5 Resin			-	
Gear train backlash	Max 0.5°			-	
Horn gear spline	15T(Ø8)			-	
IP rate	-			-	
Servo Amplifier type	Analog Contorller			-	
Features	-			-	
Applications	-			-	

