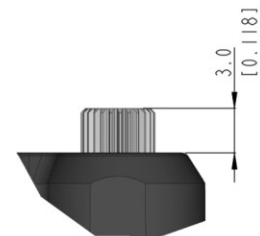
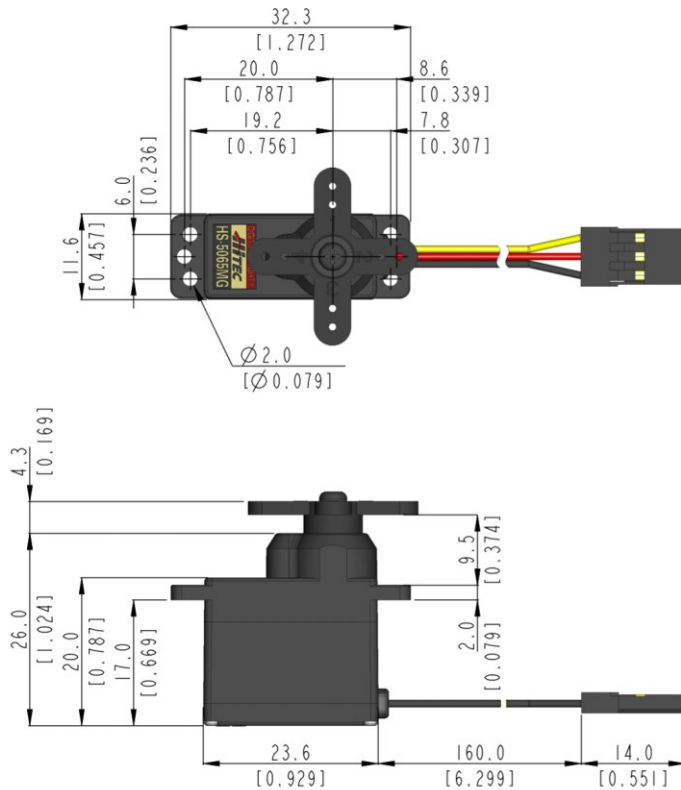


HS-5065MG General Specification.



Control System	PWM			-
Position Sensor Type	Contact Analog Potentiometer			-
Motor Type	Cored Metal Brush			At the Max voltage, it is recommended to be used only for a short time duration.
Operating Voltage Range	3.5 ~ 8.4V			
Voltage	4.8V	6.0V	-	At 25°C(±10%), 45%RH(±10%) <u>measurement environment</u>
No Load Speed	0.14sec/60°	0.11sec/60°	-	
Stall Torque	1.8kgf-cm (25.0 oz-in)	2.2kgf-cm (30.6 oz-in)	-	
Peak Efficiency Torque	0.4kgf-cm (5.6 oz-in)	0.4kgf-cm (5.6 oz-in)	-	
Standing Current	3mA	3mA	-	
No Load Running Current	180mA	220mA	-	
Stall Current	960mA	1,200mA	-	
Deadband	2μs	2μs	-	
Operating Travel	Default: ±60°, Programmable: Max 175° / Pulse Width: 900~2100μs(Center:1500μs)			
Continuous Rotation	n/a			
Operating Temperature Range	-20°C ~ +60°C (-4°F ~+140°F)			-
Storage Temperature Range	-30°C ~ +80°C (-22°F ~+176°F)			-
Connector Wire Length	160mm (6.299inch)			
Connector Wire Gauge	28AWG			
Dimensions	23.6mm x 11.6mm x 26.0mm (0.929inch x 0.457inch x 1.024inch)			General Tolerance ±0.1mm
Weight	11.9g (0.420oz)			Excluding the weight of Horn
Bearing Type	1 Ball Bearing			-
Case Material	Engineering Plastic			-
Gear Material	1 Heavy Duty Resin & 4 Metal Gears			-
Gear Train Backlash	Max 0.5°			-
Horn Gear Spline	M25T(Ø5)			-
IP-Rating	IP4X			-
Servo Amplifier Type	8bit Programmable Digital			-



1:1 scale (Unit : mm[inch])

- This product should not be used directly on the human body for medical purposes.
- This product should not be used for war weapons.
- All specifications are subject to change without notice.

