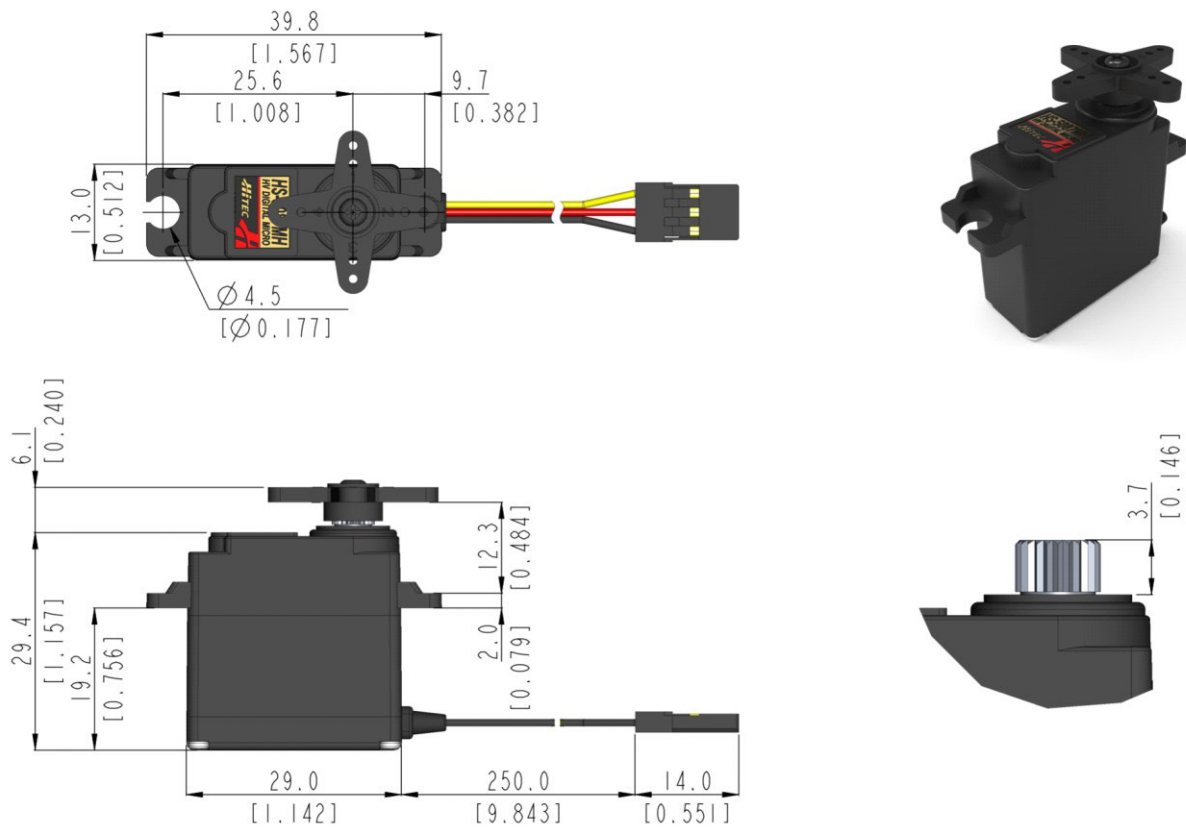


HS-5087MH General Specification.



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	-	6.0V	7.4V
No Load Speed	-	0.17sec/60°	0.13sec/60°
Stall Torque	-	3.6kgf-cm (50.0 oz-in)	4.3kgf-cm (59.7 oz-in)
Peak Efficiency Torque	-	0.7kgf-cm (9.7 oz-in)	0.9kgf-cm (12.5 oz-in)
Standing Current	-	3mA	3mA
No Load Running Current	-	170mA	200mA
Stall Current	-	1,450mA	1,750mA
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	250mm (9.843inch)		
Connector Wire Gauge	28AWG		
Dimensions	29.0mm x 13.0mm x 29.4mm (1.142inch x 0.512inch x 1.157inch)		General Tolerance ±0.1mm
Weight	21.9g (0.773oz)		Excluding the weight of Horn
Bearing Type	1 Ball Bearing		-
Case Material	Engineering Plastic		-
Gear Material	1 Resin & 4 Metal Gears		-
Gear Train Backlash	Max 0.5°		-
Horn Gear Spline	24T(Ø6)		-
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.
- All specifications are subject to change without notice.



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