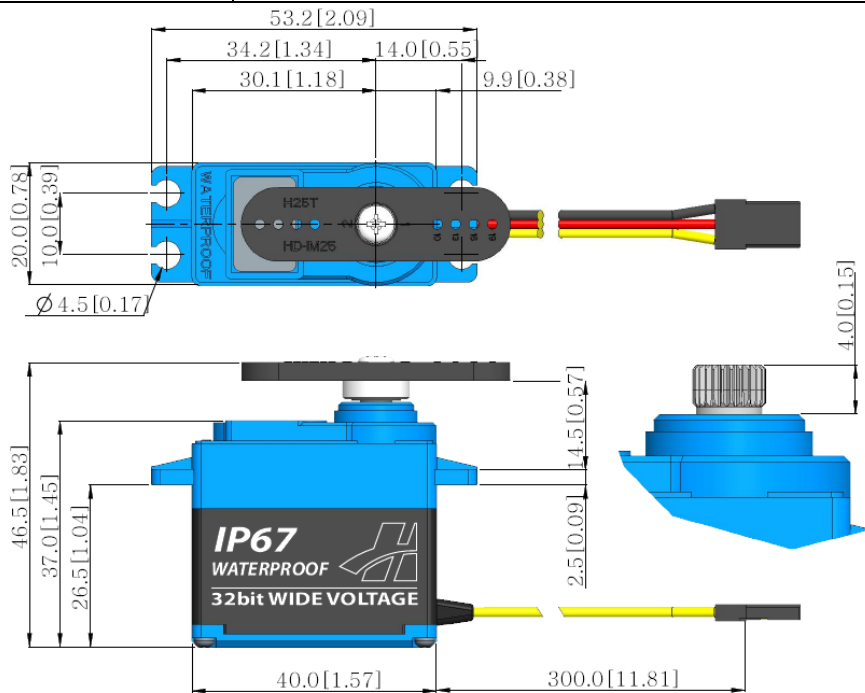


GENERAL SPECIFICATION OF D956WP STANDARD CORELESS MIGHTY TORQUE & WATERPROOF SERVO

Control system	+PULSE WIDTH CONTROL 1500usec NEUTRAL		
Operating voltage range	4.8 V ~ 7.4V		
Operating temperature	-20°C ~ +70°C (-4°F ~ +158°F)		
Test voltage	At 4.8V	At 6.0V	At 7.4V
Operating speed at no load	0.19sec/60°	0.15sec/60°	0.12sec/60°
Stall torque	16.0kg·cm (222.20oz.in)	20.0kg·cm (277.75oz.in)	24.5kg·cm (340.24oz.in)
Idle current at stopped	30mA	30mA	30mA
No load Running current	300mA	400mA	500mA
Stall current	3,000mA	3,700mA	4,400mA
Dead band width	1usec	1usec	1usec
Input signal	+5.0V 1500usec±400usec		
Operating travel	±40° /ONE SIDE PULSE TRAVELING 400usec		
Direction	CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec		
Motor type	Coreless Metal Brush		
Potentiometer type	4 SLIDER, 1M cycle Long Life /SEMI INDIRECT DRIVE		
Amplifier type	DIGITAL AMPLIFIER WITH MOSFET DRIVE		
Case dimensions	40.0 x 20.0 x 37.0mm (±0.2mm) (1.57 x 0.79 x 1.45in)		
Weight	72.4g (2.55oz) (±10%)		
Gear set	1 Metal Plastic & 3 Hardened steel		
Ball Bearing	Dual Ball Bearing /MR106		
Horn gear spline	H25T (25 Segment Ø6.0)		
Gear train backlash	Max 0.5°		
Connector wire stand counter	0.08 x 80 x 300mm(11.81in)/20AWG		
Waterproof	IP67		
Features	High response & Programmable digital amplifier with mosfet drive Durable steel gears with Dual Ball Bearing Ultra hardness shaft with 3 Axial metal bushing Waterproof & Dust resistance (IP67) Heat Sink for Motor		
Applications	For 1/10 EP off road and on road		



UNIT : mm [inch]