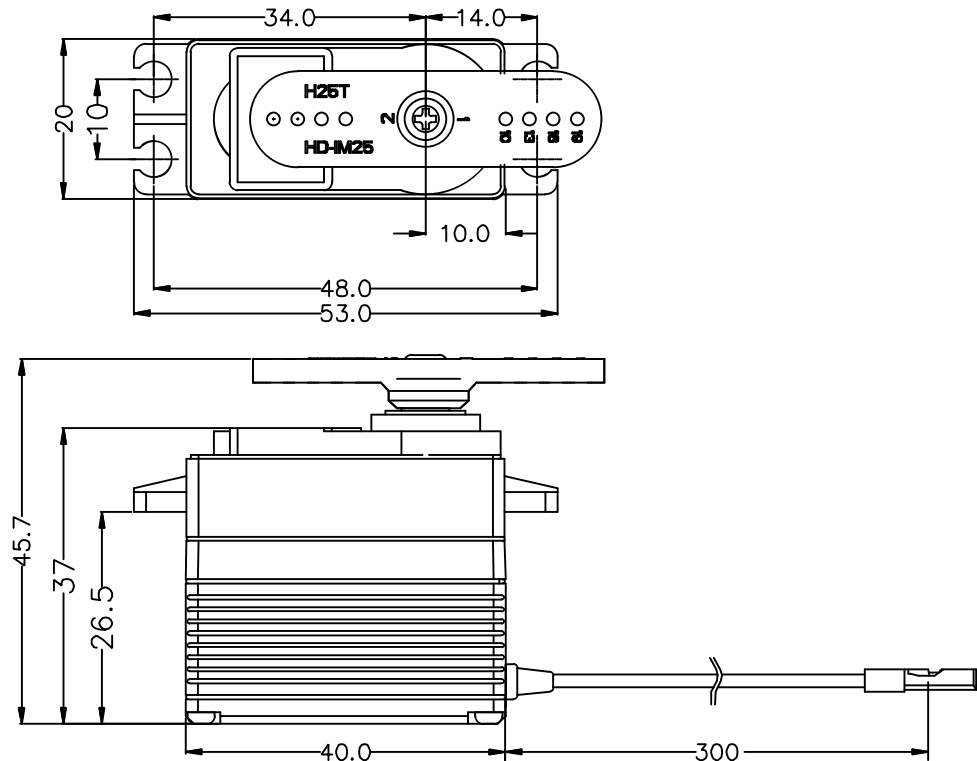


ANNOUNCE SPECIFICATION OF D7955TW STANDARD CORELESS MIGHTY TORQUE SERVO

1. TECHNICAL VALUE

CONTROL SYSTEM	: +PULSE WIDTH CONTROL 900~2100us, 1500us NEUTRAL		
OPERATING VOLTAGE RANGE	: 4.7V TO 7.4V		
OPERATING TEMPERATURE RANGE	: -20° C TO +60° C (-4° F TO +140° F)		
TEST VOLTAGE	: AT 4.8V	AT 6.0V	AT 7.4V
OPERATING SPEED	: 0.19sec/60° AT NO LOAD	0.15sec/60° AT NO LOAD	0.12sec/60° AT NO LOAD
STALL TORQUE	: 18.0kg.cm(251.35oz.in)	24.0kg.cm(335.13oz.in)	29.0kg.cm(404.95oz.in)
STANDING TORQUE	: -	-	-
IDLE CURRENT	: 30mA AT STOPPED	30mA AT STOPPED	30mA AT STOPPED
RUNNING CURRENT	300mA	400mA	500mA
STALL CURRENT	: 3,200mA	4,200mA	5,200mA
DEAD BAND WIDTH	: 1us	1us	1us
OPERATING TRAVEL	: 40±5° / ONE SIDE PULSE TRAVELING 400usec		
DIRECTION	: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec		
MOTOR TYPE	: CORELESS METAL BRUSH		
POTENTIOMETER TYPE	: 1M CYCLE LONG LIFE/INDIRECT DRIVE		
AMPLIFIER TYPE	: DIGITAL AMPLIFIER WITH MOSFET DRIVE		
DIMENSIONS	: 40x20x37mm(1.57x0.78x1.45in)		
WEIGHT	: 66.0g(2.32oz)		
BALL BEARING	: DUAL/MR106		
GEAR MATERIAL	: 1 METAL-PLASTIC & TITANIUM ALLOY		
HORN GEAR SPLINE	: 25 SEGMENTS/Ø6.00		
SPLINED HORNS	: HD-IM25(F TYPE)		
CONNECTOR WIRE LENGTH	: 300mm(11.81in)		
CONNECTOR WIRE STRAND COUNTER	: 80EA		
CONNECTOR WIRE GAUGE	: 20AWG		



2. FEATURES

PROGRAMMABLE HIGH RESPONSE DIGITAL AMPLIFIER WITH MOSFET DRIVE
 DURABLE STEEL GEARS WITH DUAL BALL BEARING
 ULTRA HARDNESS SHAFT WITH 3 AXIAL METAL BUSHING
 WATER & DUST RESISTANCE
 HEAT SINK FOR MOTOR

3. APPLICATIONS

FOR 1/10 EP off road and on load