## **ANNOUNCED SPECIFICATION OF HS-311 STANDARD SERVO**

1.TECHNICAL VALUE

**DIMENSIONS** 

CONTROL SYSTEM :+PULSE WIDTH CONTROL 1500usec NEUTRAL

OPERATING VOLTAGE RANGE :4.8V TO 6.0V

TEST VOLTAGE : AT 4.8V AT 6.0V

OPERATING SPEED :0.19sec/60° AT NO LOAD 0.15sec/60° AT NO LOAD STALL TORQUE : 3kg.cm(41.66oz.in) 3.7kg.cm(51.38oz.in) :7.4mA AT STOPPÉD :160mA/60° AT NO LOAD IDLE CURRENT 7.7mA AT STOPPED RUNNING CURRENT 180mA/60° AT NO LOAD

STALL CURRENT :700mA 800m A DEAD BAND WIDTH :5usec 5usec

:40°/ONE SIDE PULSE TRAVELING 400usec OPERATING TRAVEL :CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec DIRECTION

:CORED METÁL BRUSH MOTOR TYPE POTENTIOMETER TYPE :4 SLIDER/DIRECT DRIVE

: ANALOG CONTROLLER & TRANSISTOR DRIVER AMPLIFIER TYPE

: 40x20x36.5mm(1.57x0.78x1.43in)

WEIGHT : 43g(1.51oz) BALL BEARING

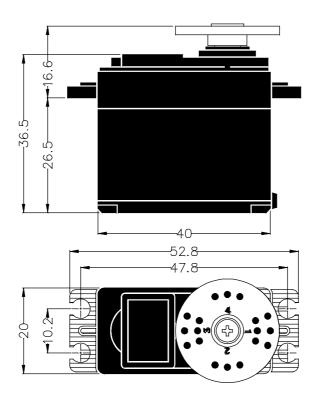
: TOP / RESIN BUSHING

: RESÍN GEAR MATERIAL

:24 SEGMENTS/ø5.76 HORN GEAR SPLINE

SPLINED HORNS :SUPER/R-XA CONNECTOR WIRE LENGTH : 300mm(11.81in)

CONNECTOR WIRE STRAND COUNTER: 40EA CONNECTOR WIRE GAUGE : 25AWG



2.FEATURES LONG LIFE POTENTIOMETER, TOP RESIN BUSHING

3.APPLICATIONS AIRCRAFT 20-40 SIZE, STEERING AND THROTTLE SERVO FOR CARS, TRUCK AND BOATS

## HITEC RCD KOREA INC.