ANNOUNCED SPECIFICATION OF HS-311 STANDARD SERVO

1. TECHNICAL VALUE
   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)
   IDLE CURRENT : 7.4mA AT STOPPED 7.7mA AT STOPPED
   RUNNING CURRENT : 160mA/60° AT NO LOAD 180mA/60° AT NO LOAD
   STALL CURRENT : 700mA 800mA
   DEAD BAND WIDTH : 5usec 5usec
   OPERATING TRAVEL : 40°/ONE SIDE PULSE TRAVELING 400usec
   DIRECTION : CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
   MOTOR TYPE : CORED METAL BRUSH
   POTentiOMETER TYPE : 4 SLIDER/DIRECT DRIVE
   AMPLIFIER TYPE : ANALOG CONTROLLER & TRANSISTOR DRIVER
   DIMENSIONS : 40x20x36.5mm(1.57x0.78x1.43in)
   WEIGHT : 43g(1.51oz)
   BALL BEARING : TOP/RESIN BUSHING
   GEAR MATERIAL : RESIN
   HORN GEAR SPLINE : 24 SEGMENTS/Ø5.76
   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.