ANNOUNCED SPECIFICATION OF HS-50 FEATHER SERVO

1. TECHNICAL VALUES
   CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
   OPERATING VOLTAGE RANGE: 4.8V
   OPERATING TEMPERATURE RANGE: -20 TO +60°C
   TEST VOLTAGE: AT 4.8V
   OPERATING SPEED: 0.09sec/60° AT NO LOAD
   STALL TORQUE: 0.6kg.cm(8.33oz.in)
   OPERATING ANGLE: 40°/ONE SIDE PULSE TRAVELING 400usec
   DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
   CURRENT DRAIN: 8mA/IDLE AND 100mA/NO LOAD RUNNING
   CONNECTOR WIRE LENGTH: 8usec
   DEAD BAND WIDTH: 160mm(6.29in)
   DIMENSIONS: 20.9x11.4x22mm(0.82x0.44x0.86in)
   WEIGHT: 6.4g(0.22oz)/6.1g(0.21oz) WITHOUT SPLINED HORN AND SCREW

2. FEATURES
   HYBRID I.C
   LOW WEIGHT
   3-POLE FERRITE MOTOR
   DIRECT POTentiOMETER DRIVE

3. APPLICATIONS
   MICRO PLANES
   HAND LAUNCH GLIDERS
   SMALL ELECTRICS