GENERAL SPECIFICATION OF
HS-65HB MIGHTY FEATHER SERVO

1. TECHNICAL VALUE
   CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
   OPERATING VOLTAGE RANGE: 4.8V TO 6.0V
   OPERATING TEMPERATURE RANGE: -20°C TO +60°C(-4°F TO +140°F)
   TEST VOLTAGE: AT 4.8V
   OPERATING SPEED: 0.14sec/60° AT NO LOAD 0.11sec/60° AT NO LOAD
   STALL TORQUE: 1.8kg.cm(24.99oz.in) 2.2kg.cm(30.55oz.in)
   STANDING TORQUE: 1.4kg.cm(19.44oz.in)/5° HOLDOUT 1.8kg.cm(24.99oz.in)/5° HOLDOUT
   IDLE CURRENT: 8mA AT STOPPED
   RUNNING CURRENT: 180mA/60° AT NO LOAD 220mA/60° AT NO LOAD
   STALL CURRENT: 960mA 1200mA
   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/Nd MAGNET
   POTENTIOMETER TYPE: 2 SLIDER/DIRECT DRIVE
   AMPLIFIER TYPE: ANALOG S.M.T
   DIMENSIONS: 23.6x11.6x24mm(0.92x0.45x0.94in)
   WEIGHT: 11.2g(0.39oz)
   BALL BEARING: SINGLE/MR85
   GEAR MATERIAL: HEAVY DUTY RESIN
   HORN GEAR SPLINE: 25 SEGMENTS/#5
   SPLINED HORTS: MICRO23:M23-1, M23-X
   CONNECTOR WIRE LENGTH: 160mm(6.29in)
   CONNECTOR WIRE STRAND COUNTER: 20 EA
   CONNECTOR WIRE GAUGE: 28AWG

2. FEATURES
   HEAVY DUTY RESIN GEARS WITH BALL BEARING
   HIGH EFFICIENCY Nd MAGNET MOTOR

3. APPLICATIONS
   FAST PARK FLYING MODELS. ELECTRIC MICRO PLANE, MAV
   1/18 SCALE CARS

HITEC RCD KOREA INC.