ANNOUNCED SPECIFICATION OF
HS-85BB+ MIGHTY MICRO SERVO

1. TECHNICAL VALUES
   CONTROL SYSTEM: PULSEWIDTH CONTROL 1500usec NEUTRAL
   OPERATING VOLTAGE RANGE: 4.8V TO 6.0V
   OPERATING TEMPERATURE RANGE: -20°C TO +60°C
   TEST VOLTAGE: AT 4.8V AT 6.0V
   OPERATING SPEED: 0.16sec/60° AT NO LOAD 0.14sec/60° AT NO LOAD
   STALL TORQUE: 3.0kg.cm (41.66oz.in) 3.5kg.cm (48.60oz.in)
   OPERATING ANGLE: 40°/ONE SIDE PULSE TRAVELING 400usec
   DIRECTION: CLOCKWISE/PULSE TRAVELING 1500 TO 1900usec
   CURRENT DRAIN: 8mA/IDLE AND 250mA NO LOAD RUNNING
   DEAD BAND WIDTH: 250mm (9.84in)
   CONNECTOR WIRE LENGTH: 29x1.3x30mm (1.4x0.51x1.18in)
   WEIGHT: 19.2g (0.67oz)

2. FEATURES

3. APPLICATIONS
   POLES FERRITE MOTOR
   ONE BALL BEARING
   DIRECT POTENTIOMETER DRIVE
   HYBRID I.C
   FAST ELECTRIC BOATS
   ROCKET PLANES AND SAIL PLANE WINGS