ANNOUNCED SPECIFICATION OF
HS-85MG+ MIGHTY MICRO
METAL GEAR SERVO

1. TECHNICAL VALUES
   CONTROL SYSTEM: PULSE WIDTH CONTROL 1500usec NEUTRAL
   OPERATING VOLTAGE RANGE: 4.8V TO 6.0V
   OPERATING TEMPERATURE RANGE: -20°C TO +60°C
   TEST VOLTAGE: AT 4.8V 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 240mA NO LOAD RUNNING
   DEAD BAND WIDTH: 5usec
   CONNECTOR WIRE LENGTH: 250mm (9.84in)
   DIMENSIONS: 29x13x30mm (14x0.51x1.18in)
   WEIGHT: 21.9 (0.77oz)

2. FEATURES
   3-POLES FERRITE MOTOR
   ONE BALL BEARING
   DIRECT POTENTIOMETER DRIVE
   HYBRID I.C
   4-METAL GEARS

3. APPLICATIONS
   FAST ELECTRIC BOATS
   ROCKET PLANES AND SAILPLANE WINGS