GENERAL SPECIFICATION OF HS-5085MG DIGITAL MICRO SERVO

1. TECHNICAL VALUE
   CONTROL SYSTEM
   OPERATING VOLTAGE RANGE
   OPERATING TEMPERATURE RANGE
   TEST VOLTAGE
   OPERATING SPEED
   STALL TORQUE
   STANDING TORQUE
   IDLE CURRENT
   RUNNING CURRENT
   STALL CURRENT
   DEAD BAND WIDTH
   OPERATING TRAVEL
   DIRECTION
   MOTOR TYPE
   POTentiOMETER TYPE
   AMPLIFIER TYPE
   DIMENSIONS
   WEIGHT
   BALL BEARING
   GEAR MATERIAL
   HORN GEAR SPLINE
   SPLINED HORNS
   CONNECTOR WIRE LENGTH
   CONNECTOR WIRE STRAND COUNTER
   CONNECTOR WIRE GAUGE

   - PULSE WIDTH CONTROL 1500usec NEUTRAL
   - 4.8V TO 6.0V
   - 20° TO +60°(4° F TO +140° F)
   - AT 4.8V
   - 1.76kg/cm(50.0oz.in)
   - 2.6kg/cm(59.71oz.in)
   - >
   - 2mA AT STOPPED
   - 230mA/60° AT NO LOAD RUNNING
   - 21.9g(0.77oz)
   - SINGLE/MR106
   - 1 RESIN & 4 METAL
   - 24 SEGMENTS/Ø5.76
   - MICRO/M-I, M-O, M-X
   - 250mm(9.84in.)
   - 20EA
   - 28AWG

   - AT 6.0V
   - 0.13sec/60° AT NO LOAD
   - 4.3kg.cm(59.71oz.in)
   - -
   - 3mA AT STOPPED
   - 290mA/60° AT NO LOAD RUNNING
   - 2.15mA
   - 2usec
   - 40°/ONE SIDE PULSE TRAVELING 400usec
   - CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec

2. FEATURES
   HIGH PERFORMANCE DIGITAL AMPLIFIER
   LIGHTWEIGHT METAL GEARS WITH BALL BEARING

3. APPLICATIONS
   FOR SMALL MODELS

HITEC RCD KOREA INC.