**GENERAL SPECIFICATION OF HS-5485HB STANDARD DIGITAL 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 (-4°F TO +140°F)
   **TEST VOLTAGE**: AT 4.8V
   **OPERATING SPEED**: 0.20sec/60° AT NO LOAD
   **STALL TORQUE**: 5.2kg.cm(72.21oz.in)
   **IDLE CURRENT**: 8mA AT STOPPED
   **RUNNING CURRENT**: 150mA/60° AT NO LOAD
   **STALL CURRENT**: 1000mA
   **DEAD BAND WIDTH**: 4usec
   **OPERATING TRAVEL**: 40°/ONE SIDE PULSE TRAVELING 400usec
   **DIRECTION**: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
   **ROTATIONAL LIFE**: 10,000cycle MIN/1.3kg.cm LOADED
   **GEAR STRENGTH**: 7.5kg.cm(104.15oz.in)MIN
   **MOTOR TYPE**: CORED METAL BRUSH
   **POTENTIOMETER TYPE**: 2 SLIDER/DIRECT DRIVE
   **AMPLIFIER TYPE**: DIGITAL AMPLIFIER WITH MOSFET DRIVE
   **DIMENSIONS**: 39.8x19.8x38.0mm(1.57x0.78x1.49in)
   **WEIGHT**: 45g(1.59oz)
   **BALL BEARING**: TOP/MR106
   **GEAR MATERIAL**: KARBONITE RESIN
   **HORN GEAR SPLINE**: 24 SEGMENTS/Ø5.76
   **SPLINED HORNS**: REGULAR/R-C,R-D,R-I,R-O,R-X
   **CONNECTOR WIRE LENGTH**: 300mm(11.81in)
   **CONNECTOR WIRE STRAND COUNTER**: 40EA
   **CONNECTOR WIRE GAUGE**: 25AWG

2. **FEATURES**
   STANDARD SIZED
   PROGRAMMABLE DIGITAL
   HEAVY DUTY KARBONITE GEARS

3. **APPLICATIONS**
   POPULAR MODELS

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**HITEC RCD KOREA, INC.**