GENERAL SPECIFICATION OF HS-5087MH DIGITAL MICRO SERVO

1. TECHNICAL VALUE
- CONTROL SYSTEM: 1500usec NEUTRAL
- OPERATING VOLTAGE RANGE: 6.6v TO 7.4v
- OPERATING TEMPERATURE RANGE: -20°C TO +60°C (-4°F TO +140°F)
- TEST VOLTAGE: AT 6.0V
- OPERATING SPEED: 17sec/60° AT NO LOAD
- STALL TORQUE: 2.6kg.cm (50.0oz.in)
- STANDING TORQUE: >
- IDLE CURRENT: 2mA AT STOPPED
- RUNNING CURRENT: 170mA/60° AT NO LOAD RUNNING
- STALL CURRENT: 1450mA
- DEAD BAND WIDTH: 2usec
- OPERATING TRAVEL DIRECTION: X-axis/ONE SIDE PULSE TRAVELING 400usec
- CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
- MOTOR TYPE: CORED METAL BRUSH
- POTENTIOMETER TYPE: 2. SLIDER/DIRECT DRIVE
- AMPLIFIER TYPE: DIGITAL AMPLIFIER & MOSFET DRIVER
- DIMENSIONS: 29x1.3x30mm (1.14x0.51x1.18in)
- WEIGHT: 21.9g (0.77oz)
- BALL BEARING: SINGLE/MR106
- GEAR MATERIAL: RESIN & 4 METAL
- HORN GEAR SPLINE: 24 SEGMENTS/Ø5.76
- SPLINED HORNS: MICRO/M-1, M-0, M-X
- CONNECTOR WIRE LENGTH: 250mm (9.84in)
- CONNECTOR WIRE STRAND COUNTER: 20EA
- CONNECTOR WIRE GAUGE: 28AWG

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

3. APPLICATIONS
- FOR SMALL MODELS

HITEC RCD KOREA INC.