ANNOUNCED SPECIFICATION OF HS-225BB MIGHTY MINI SERVO

1. TECHNICAL VALUE

CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
OPERATING VOLTAGE RANGE: 4.8V TO 6.0V
OPERATING TEMPERATURE RANGE: -20°C TO +60°C (-46°F TO +86°F)
TEST VOLTAGE: AT 4.8V
OPERATING SPEED: 0.15sec/60° AT NO LOAD 0.13sec/60° AT NO LOAD
STALL TORQUE: 3.7kg.cm(51.38oz.in) 4.4kg.cm(61.10oz.in)
STANDING TORQUE: 3kg.cm(41.66oz.in)/5° HOLD OUT 3.5kg.cm(48.60oz.in)/5° HOLD OUT
IDLE CURRENT: 7.4mA AT STOPPED
RUNNING CURRENT: 260mA/60° AT NO LOAD 360mA/60° AT NO LOAD
STALL CURRENT: 1600mA 2000mA
DEAD BAND WIDTH: 5usec 5usec
OPERATING TRAVEL: 40°/ONE SIDE PULSE TRAVELING 400usec
DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
MOTOR TYPE: CORED METAL BRUSH
POTENTIOMETER TYPE: 6 SLIDER/INDIRECT DRIVE
AMPLIFIER TYPE: ANALOG AMPLIFIER WITH TRANSISTOR DRIVER
DIMENSIONS: 32.4x16.8x31mm(1.27x0.66x1.22in)
WEIGHT: 27.7g(0.97oz)
BALL BEARING: POM RESIN
GEAR MATERIAL: HEAVY DUTY RESIN
HORN GEAR SPLINE: 24 SEGMENTS/#5.76
SPLINED HORNS: REGULAR/R-C,R-D,R-I,R-O,R-X,SUPER/R-XA
CONNECTOR WIRE LENGTH: 300mm(11.81in)
CONNECTOR WIRE STRAND COUNTER: 40EA
CONNECTOR WIRE GAUGE: 25AWG

2. FEATURES

TOP BALL BEARING

3. APPLICATIONS

SMALL & MEDIUM PLANES
30 HELICOPTERS
GLIDERS
CARS

HITEC RCD KOREA INC.