ANNOUNCED SPECIFICATION OF HS-81 SUB MICRO SERVO

1.TECHNICAL VALUES

CONTROL SYSTEM

OPERATING VOLTAGE RANGE

OPERATING TEMPERATURE RANGE

TEST VOLTAGE

OPERATING SPEED

STALL TORQUE

OPERATING ANGLE

DIRECTION

IDLE CURRENT

RUNNING CURRENT

DEAD BAND WIDTH

CONNECTOR WIRE LENGTH

DIMENSIONS

WEIGHT

:+PULSE WIDTH CONTROL 1500usec NEUTRAL

:4.8V TO 6.0V

:-20°C TO +60°C

:AT 4.8V AT 6.0V

:0.11sec/60° AT NO LOAD

0.09sec/60° AT NO LOAD

:2.6kg.cm(36.10oz.in) 3kg.cm(41.66oz.in)

:40°/ONE SIDE PULSE TRAVELING 400usec

:CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec

:8.8mA 9.1mA

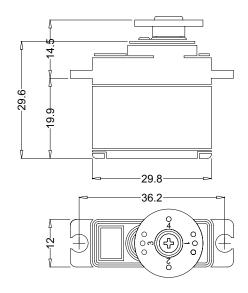
:220mA AT NO LOAD 280mA AT NO LOAD

:8usec

:160mm (6.29in)

:29.8x12x29.6mm (1.17x0.47x1.16in)

:16.6g(0.58oz)



2.FEATURES 3-POLE FERRITE MOTOR HYBRID I.C DIRECT POTENTIOMETER DRIVE

3.APPLICATIONS AIRCRAFT UP TO 15 POUNDS 1/10TH SCALE STEERING