ANNOUNCED SPECIFICATION OF
HS-322HD STANDARD DELUXE SERVO

1. TECHNICAL VALUE
   - CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
   - OPERATING VOLTAGE RANGE: 4.8V TO 6.0V
   - TEST VOLTAGE: AT 4.8V AT 6.0V
   - OPERATING SPEED: 0.19sec/60° AT NO LOAD 0.15sec/60° AT NO LOAD
   - STALL TORQUE: 3kg.cm(41.66oz.in) 3.7kg.cm(51.38oz.in)
   - IDLE CURRENT: 7.4mA AT STOPPED 7.7mA AT STOPPED
   - RUNNING CURRENT: 160mA/60° AT NO LOAD 180mA/60° AT NO LOAD
   - STALL CURRENT: 700mA 800mA
   - DEAD BAND WIDTH: 5usec
   - OPERATING TRAVEL: 40°/ONE SIDE PULSE TRAVELING 400usec
   - DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
   - MOTOR TYPE: CORED METAL BRUSH
   - POTentiometer Type: 4 SLIDER/DIRECT DRIVE
   - AMPLIFIER TYPE: ANALOG CONTROLLER & TRANSISTOR DRIVER
   - DIMENSIONS: 40x20x36.5mm(1.57x0.78x1.43in)
   - WEIGHT: 43g(1.51oz)
   - BALL BEARING: TOP/RESIN BUSHING
   - GEAR MATERIAL: 2 HEAVY DUTY RESIN
   - HORN GEAR SPLINE: 24 SEGMENTS/75.76
   - 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
   - LONG LIFE POTENTIOMETER, TOP RESIN BUSHING, 2 HEAVY DUTY RESIN GEARS

3. APPLICATIONS
   - AIRCRAFT 20~40 SIZE, STEERING AND THROTTLE SERVO FOR CARS, TRUCK AND BOATS

4. ACCESSORY & OPTION
   - CASE SET/GEAR SET/HORN SET/
     HS322T:1EA HS322G1:1EA R-C:1EA
     HS322M:1EA HS325G2:1EA R-D:1EA
     HS322L:1EA HS325G3:1EA R-I:1EA
     PH/T-2 2x30 NI:4EA HS322G4:1EA R-O:1EA
     HS300RB:1EA HS325G5:1EA R-X:1EA
     HS325G8:1EA R-XA:1EA
     HS325G10:1EA WH/W 2.1x15 NI:4EA
     BST 3x5.5:4EA
     NBR 9x6.5x6:4EA

HITEC RCD KOREA INC.