GENERAL SPECIFICATION OF
HSR-2645CR CONTINUE ROTATION SERVO

1. TECHNICAL VALUES
   CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL/2000usec FRAME
   OPERATING VOLTAGE RANGE: 4.8V TO 7.4V
   OPERATING TEMPERATURE RANGE: -20 TO +60°C (-4°F TO +140°F)
   TEST VOLTAGE: AT 4.8V
   AT 6.0V
   OPERATING SPEED: 46RPM ±10%
   56RPM ±10%
   72RPM ±10%
   STAND TORQUE: 8kg.cm 111.09oz.in
   10Kg.cm 138.87oz.in
   IDLE CURRENT: 3mA
   RUNNING CURRENT: 110mA
   120mA
   STALL CURRENT: 1700mA
   2000mA
   2400mA
   DEAD BAND WIDTH: -
   OPERATING ANGLE: CONTINUE ROTATION
   DIRECTION: 1500usec +/- 20usec
   MOTOR TYPE: CARBON BRUSHED CORED MOTOR
   POTENTIOMETER TYPE: DIGITAL (Programmable)
   AMPLIFIER TYPE: NON
   DIMENSIONS: 40.6x19.8x37.8mm (1.59x0.77x1.48in)
   WEIGHT: 53g (1.87oz)
   BALL BEARING: DUAL/MR106
   GEAR MATERIAL: 3 Metal GEARS & 1 METAL PLASTIC GEAR
   HORN GEAR SPLINE: 24 SEGMENTS/#5.76
   SPLINED HORNS: REGULAR/R-0
   CONNECTOR WIRE LENGTH: 300mm (11.81in)
   CONNECTOR WIRE STRAND COUNTER: 0.08X60EA
   CONNECTOR WIRE GAUGE: 20AWG

2. FEATURES
   360° ROTATION
   DUAL BALL BEARING

3. APPLICATIONS
   ROBOTS
   INDUSTRIAL USAGE

HITEC RCD KOREA INC.