1. TECHNICAL VALUE
CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
OPERATING VOLTAGE RANGE: 3.5V TO 8.4V
OPERATING TEMPERATURE RANGE: -20°C TO +60°C (-4°F TO +140°F)
TEST VOLTAGE: AT 4.8V AT 6.0V AT 7.4V
OPERATING SPEED: 0.23sec/60° 0.17sec/60° 0.14sec/60°
STALL TORQUE: 21.0kg.cm (291.63oz.in) 29.0kg.cm (402.73oz.in) 35.0kg.cm (486.05oz.in)
STANDING TORQUE: -- -- --
IDLE CURRENT: 30mA 30mA 30mA
RUNNING CURRENT: 300mA 390mA 500mA
STALL CURRENT: 3,700mA 4,800mA 6,200mA
DEAD BAND WIDTH: 1usec 1usec 1usec
OPERATING TRAVEL: ONE SIDE PULSE TRAVELING 400usec
DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
MOTOR TYPE: CORELESS METAL BRUSH
POTENTIOMETER TYPE: 1M CYCLE LONG LIFE/INDIRECT DRIVE
AMPLIFIER TYPE: DIGITAL PROGRAMMABLE AMPLIFIER WITH MOSFET DRIVE
CASE TYPE: FULL METAL CASE
DIMENSIONS: 40x20x38mm (1.57x0.79x1.50in)
WEIGHT: 80g (2.82oz)
BALL BEARING: DUAL/MR106
GEAR MATERIAL: 1 METAL—PLASTIC & 3 TITANIUM ALLOY
HORN GEAR SPLINE: 25 SEGMENTS/Ø6.0
SPLEDNED HORNS: HEAVY DUTY/HD-IS, HD-O, HD-LS, HD-IL, HD-LL
CONNECTOR WIRE LENGTH: 300mm (11.81in)
CONNECTOR WIRE STRAND COUNTER: 80EA
CONNECTOR WIRE GAUGE: 20AWG

2. FEATURES
PROGRAMMABLE DIGITAL AMPLIFIER WITH MOSFET DRIVE
DURABLE TITANIUM ALLOY METAL GEARS WITH DUAL BALL BEARING
WATER & DUST RESISTANT
FULL METAL CASE

3. APPLICATIONS

HITEC RCD KOREA INC.