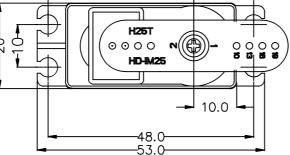
ANNOUNCED SPECIFICATION OF D955TW DIGITAL ULTRA TORQUE SERVO

1.TECHNICAL VALUE CONTROL SYSTEM **OPERATING VOLTAGE RANGE OPERATING TEMPERATURE RANGE TEST VOLTAGE OPERATING SPEED** STALL TORQUE STANDING TORQUE **IDLE CURRENT RUNNING CURRENT** STALL CURRENT **DEAD BAND WIDTH OPERATING TRAVEL** DIRECTION MOTOR TYPE POTENTIOMETER TYPE AMPLIFIER TYPE DIMENSIONS WEIGHT **BALL BEARING GEAR MATERIAL** HORN GEAR SPLINE SPLINED HORNS CONNECTOR WIRE LENGTH CONNECTOR WIRE STRAND COUNTER CONNECTOR WIRE GAUGE

:+PULSE WIDTH CONTROL 900~2100us,1500us NEUTRAL :4.7V TO 7.4V :-20° C TO +60° C(-4° F TO +140° F) :AT 4.8V AT 6.0V AT 7.4V :0.19sec/60° AT NO LOAD 0.15sec/60° AT NO LOAD 0.12sec/60° AT NO LOAD :18.0kg.cm(251.34oz.in) 24.0kg.cm(335.13oz.in) 29.0kg.cm(404.95oz.in) 25 :30mA AT STOPPED 30mA AT STOPPED 30mA AT STOPPED 300mA 400mA 500mA 4,200mA 5,200mA :3,200mA :1us 1us 1us :40 $\pm\,5^\circ\,$ /ONE SIDE PULSE TRAVELING 400usec :CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec **:CORELESS METAL BRUSH** :1M CYCLE LONG LIFE/INDIRECT DRIVE **:DIGITAL AMPLIFIER WITH MOSFET DRIVE** :40x20x37mm(1.57x0.78x1.45in) :66.0g(2.32oz) :DUAL/MR106 **:1 METAL-PLASTIC & TITANIUM ALLOY** :25 SEGMENTS/Ø6.00 :HD-IM25(F TYPE) :300mm(11.81in) :80EA :20AWG -34.0-14 0



2.FEATURES

PROGRAMMABLE HIGH RESPONDENCE DIGITAL AMPLIFIER WITH MOSFET DRIVE DURABLE STEEL GEARS WITH DUAL BALL BEARING ULTRA HARDNESS SHAFT WITH 3 AXIAL METAL BUSHING WATER & DUST RESISTANCE HEAT SINK FOR MOTOR

3. APPLICATIONS FOR 1/10 EP off road and on load

HITEC RCD KOREA INC.