


ADS-966HTG / Full Size Racing Digital Servo + TG (Ultra High Torque)

Control System	Positive PWM control 1500 usec Neutral	
Operation Voltage Range	4.8V ~ 6.0V	
Operation Temperature Range	-20C° ~ +60C° (-4°F ~ 140°F)	
Test Voltage:	At 4.8V (Ni-cd)	At 6.0V (Ni-cd)
Stall Torque	14.3kg/cm , 201 oz/in	19.5kg/cm , 258oz/in
Standing Torque	16.6kg/cm , 228 oz/in	21.0kg/cm , 276oz/in
Speed	0.19sec / 60 deg at no load	0.16sec / 60 deg at no load
Idle Current	2mA at stopped	2mA at stopped
Running Current	380mA at no load	410mA at no load
Stall Current	970mA	1200 mA
Dead band width	2 usec	2 usec
Operation Travel	40°/ one side pulse travel 400 usec	
Direction	Re-clock wise/ Pulse Travel 1500 to 2000 usec	
Motor Type	High Response Coreless Motor	
Potentiometer Type	4 Slider/indirect drive	
Amplifier Type	Digital Control & Double 2A Transistors	
Dimensions	39.0 x 19 x 38.5 mm / 1.56 x 0.74 x 1.54 in.	
Weight:	58ams / 1.66 without splined horn	
Ball Bearing	Dual / M10x6	
Gear Material	Metal Gear	
Horn Gear Spline	Metal 25 Tooth (External diameter: 5.9mm)	
Connector Wire Length	200mm (7.65inch)	
Connector Wire Stand Counter	60EA	
Connector Wire Gauge	22AWG	
Wire Info (Black)	- Negative	
Wire Info (Red)	+ Positive	
Wire Info (White)	S Single	

Spare Parts Items

Servo Gear Set	<#10706> ADS-960HTG (Metal Gears)	
Servo Case Set	<#10707> ADS-960HTG(Outside case)	
Servo Accessories	<#10708> ADS-960HTG(Accessories - Horn & screws & rubber)	

