


ADS-660DTG / Digital Low Profile Servo (High Speed)

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	7.7kg/cm , 118 oz/in	8.9kg/cm , 132 oz/in
Standing Torque	7.6kg/cm , 102 oz/in	9.0kg/cm , 134 oz/in
Speed	0.13 sec / 60° at no load	0.11 sec / 60° at no load
Idle Current	2mA at stopped	2mA at stopped
Running Current	290mA at no load	380mA at no load
Stall Current	1090mA	1500mA
Dead band width	2 usec	2 usec
Operation Travel	40°/ one side pulse travel 400 usec	
Direction	Re-clock wise/ Pulse Travel 1500 to 1900 usec	
Motor Type	NdFeB 3 pole motor	
Potentiometer Type	4 Slider/indirect drive	
Amplifier Type	4A Double MOS-FET	
Dimensions	42 x 20.0 x 22 mm / 1.65 x 0.78 x 0.87 inch	
Weight:	32g / 1.12oz without splined horn	
Ball Bearing	Dual / M10x6	
Gear Material	Titanium Gears	
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	
<u>Spare Parts Items</u>		
Servo Gear Set	<#10701> ADS-660DTG (Titanium Gears)	
Servo Case Set	<#10704> ADS-660DTG(Outside case)	
Servo Accessories	<#10705> ADS-660DTG(Accessories - Horn & screws & rubber)	

Version: 1.2

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