C02CLS

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520µS		
Signal Mode	Digital		
Dead band	5 µSec		
Operating Voltage	3.6V ~ 4.2V		
Operating Temperature	-10C° ~ +50C°		
Bearing	--		
Mechanical Angle	180°		
Size	16.0*8.2*14.5m		
Net Weight	2.2g		
Wire	JST(JR) 100mm / 32AWG		
Operating Travel	120°±10°		
Signal Range	900 to 2100 µSec		
Stall Torque	95 g-cm (1.3 oz-in) @ 3.7V 110 g-cm (1.5 oz-in) @ 4.2V	**Unload Current**	60mA @ 3.7V 70mA @ 4.2V
Operating Speed	0.070sec/ 60°@ 3.7V 0.060sec/60° @ 4.2V	**Loading Current**	210mA @ 3.7V 310mA @ 4.2V
Direction	☑ CCW	☐CW	
Waterproof Level	☐IP65	☐IP67	
Angle Sensor	☑ Potentiometer	☐Magnet Angle Sensor	
Motor Type	☐Brushless	☑Coreless	☐DC
Motor Drive	☐FET Drive	☑IC Drive	☐Transistor Drive
Programmable	☐Yes	☑No	
Gear Material	☐Strength Steel	☐Titanium	☐Copper ☑Plastic
Horn Gear Spline	☐25T-φ5.92mm	☐25T-φ4.94mm	☑Other 20T-φ3.85mm
Case Material	☐AL6061T6	☐Aluminum + Plastic	☑Plastic
Bearing Material	☐Metal	☐Plastic	
Horn Accessories	☐AL6061T6	☑ Plastic	
Wire Color	Negative: ☐Black ☑Brown Positive: ☐Black ☑Red Signal: ☐Grey ☐White ☑Orange		

UNIT:MM