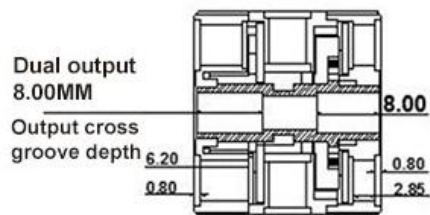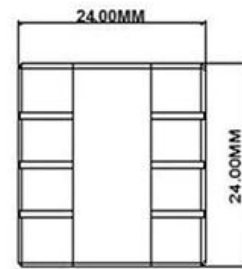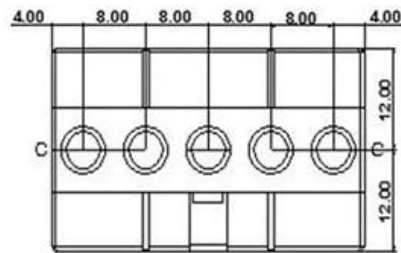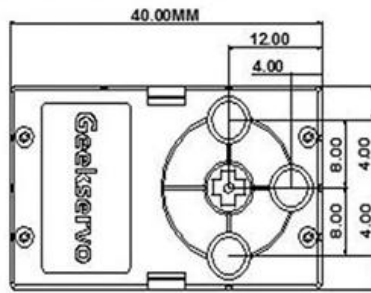|	
Gray Servo （A02）	GND: connect ground
Black line: GND	Working Voltage: 4.8-6V
Red line: VCC	Angle range: 0-360°
Yellow line:signal line	Size: 29.4mm*28.8mm
No-load current: 90±20mA	Stop torque: 2±0.2kg-cm
Maximum torque:2000g*cm	The pulse width corresponds to the angle value: 0-360° （500-2500us）

The working principle of the servo: the rotation speed and direction of the 360° building block servo can be controlled by PWM. The 500-1500us PWM controls the forward rotation of the servo. The smaller the value, the greater the rotation speed; the 1500-2500us PWM controls the reverse rotation of the servo.
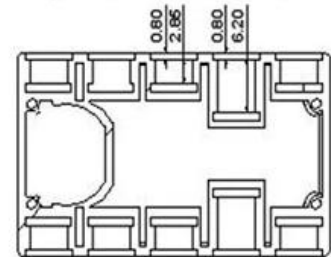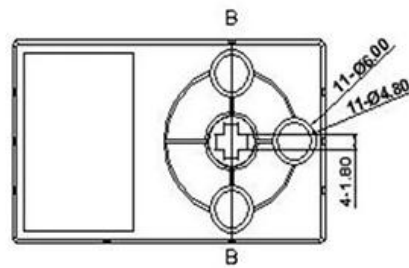
The greater the value, the greater the rotation speed. 1500us PWM is to control the servo to stop.

Before using the building block servo to build the building block shape, you must calibrate the angle of the servo to determine the center position of the servo, because all the angles used in the modeling are not all 360°, so if the servo is not calibrated , which will easy to jam the servo after power-on, thereby damaging the servo.

A02/B02 size

40.00MM
12.00
4.00
8.00
4.00
8.00
4.00

Geekservo

4.00 8.00 8.00 8.00 8.00 4.00
12.00
C — C
12.00

24.00MM
24.00MM

Dual output
8.00MM
Output cross
groove depth 6.20
0.80
8.00
0.80
2.85

B — B

0.80 2.85 0.80 6.20

B
11-Ø6.00
11-Ø4.80
4-1.80
B

C — C