**12v Stepper Motor** 4 Phase, Unipolar, 1.8 Degree Step



**Specifications** 

Step Angle  1.8 Degrees (200 steps per revolution)  Step Angle Accuracy  5%  Phase Current  0.16A  Phase Resistance  Holding Torque  Petent Torque  Rotor Inertia  28 gcm2  Mass  Insulation Cl; ass  Shaft Configuration  Shaft Diameter  Number of Leads  Dimensions (excl shaft)  1.8 Degrees (200 steps per revolution)  5%  0.16A  Phase Resistance  75 Ohms  41.5Ncm  28 gcm2  0.22Kg  Insulation Cl; ass  B  Shaft Configuration  Single  Shaft Diameter  5mm  Number of Leads  Dimensions (excl shaft)  42.3 x 42.3 x 33.0 mm  Shaft Length	Specificati	Ulia
revolution)  Step Angle Accuracy 5%  Phase Current 0.16A  Phase Resistance 75 Ohms  Holding Torque 9Ncm  Detent Torque 1.5Ncm  Rotor Inertia 28 gcm2  Mass 0.22Kg  Insulation Cl;ass B  Shaft Configuration Single  Shaft Diameter 5mm  Number of Leads 6  Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Step Angle	
Step Angle Accuracy 5% Phase Current 0.16A Phase Resistance 75 Ohms Holding Torque 9Ncm Detent Torque 1.5Ncm Rotor Inertia 28 gcm2 Mass 0.22Kg Insulation Cl;ass B Shaft Configuration Single Shaft Diameter 5mm Number of Leads 6 Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm		
Phase Current 0.16A Phase Resistance 75 Ohms Holding Torque 9Ncm Detent Torque 1.5Ncm Rotor Inertia 28 gcm2 Mass 0.22Kg Insulation Cl;ass B Shaft Configuration Single Shaft Diameter 5mm Number of Leads Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm		revolution)
Phase Resistance 75 Ohms  Holding Torque 9Ncm  Detent Torque 1.5Ncm  Rotor Inertia 28 gcm2  Mass 0.22Kg  Insulation Cl; ass B  Shaft Configuration Single  Shaft Diameter 5mm  Number of Leads  Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Step Angle Accuracy	5%
Holding Torque 9Ncm  Detent Torque 1.5Ncm  Rotor Inertia 28 gcm2  Mass 0.22Kg  Insulation Cl;ass B  Shaft Configuration Single  Shaft Diameter 5mm  Number of Leads 6  Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Phase Current	0.16A
Detent Torque 1.5Ncm  Rotor Inertia 28 gcm2  Mass 0.22Kg  Insulation Cl;ass B  Shaft Configuration Single  Shaft Diameter 5mm  Number of Leads 6  Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Phase Resistance	75 Ohms
Rotor Inertia 28 gcm2  Mass 0.22Kg  Insulation Cl;ass B  Shaft Configuration Single  Shaft Diameter 5mm  Number of Leads 6  Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Holding Torque	9Ncm
Mass 0.22Kg Insulation Cl;ass B Shaft Configuration Single Shaft Diameter 5mm Number of Leads 6 Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Detent Torque	1.5Ncm
Insulation Cl;ass B Shaft Configuration Single Shaft Diameter 5mm Number of Leads 6 Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Rotor Inertia	28 gcm2
Shaft Configuration Shaft Diameter Shaft Diameter Shumber of Leads Dimensions (excl shaft)  Single 5mm 42.3 x 42.3 x 33.0 mm	Mass	0.22Kg
Shaft Diameter 5mm  Number of Leads 6  Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Insulation Cl;ass	В
Number of Leads 6 Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Shaft Configuration	Single
Dimensions (excl shaft) 42.3 x 42.3 x 33.0 mm	Shaft Diameter	5mm
, ,	Number of Leads	6
Shaft Length 24mm (inc recess)	Dimensions (excl shaft)	42.3 x 42.3 x 33.0 mm
	Shaft Length	24mm (inc recess)

## **Lead Identification**

	0411011
Phase A	Brown
V+ (+12v)	White
Phase /A	Red
Phase B	Orange
V+ (+12v)	Black
Phase /B	Yellow