HYBRID STEPPER MOTOR H201-00202A+Encoder 1.8°/step, 2/4 Phase

General Specifications

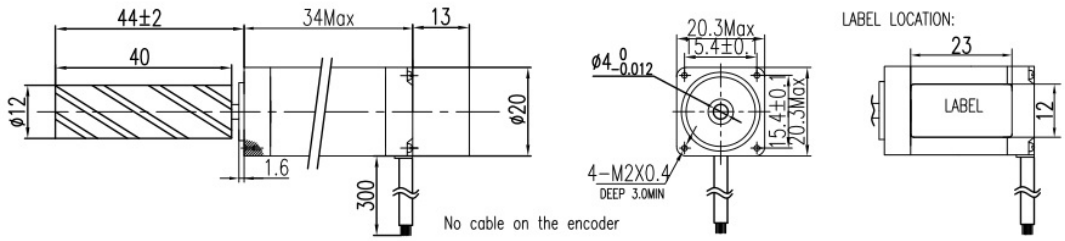
Step Angle(Accuracy)------- 1.8°(±5%)
Resistance Accuracy -------- ±10%
Inductance Accuracy -------- ±20%
Temperature Rise ---------- 80℃Max.
Ambient Temperature -------- -10℃~50℃
Insulation Resistance ------ 100Mohm Min, 50VDC
Dielectric Strength -------- 500VAC for one minute
Shaft Radial Play ---------- 0.06Max. (450 g-load)
Shaft Axial Play ---------- 0.08Max.(450 g-load)

Picture

Electrical Specification

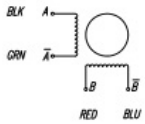
Series Model	Step Angle (o)	L (mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque (N.cm)	Detent Torque (N.cm)	Lead Wire (NO.)	Motor Weight (g)
H201-00202	1.8	34	0.2	25	8.4	1.8	0.3	4	70

Mechanical Dimensions



Standard Leadwire Configuration

MOTOR CONNECTION



MOTOR	
PIN NO.1	BLK A+
PIN NO.2	GRN A-
PIN NO.3	RED B+
PIN NO.4	BLU B-

ENCODER CONNECTION

ENCODER	400P/R
PIN NO.1	VCC+5V
PIN NO.2	GND
PIN NO.3	A+
PIN NO.4	A-
PIN NO.5	B+
PIN NO.6	B-
PIN NO.7	Z+
PIN NO.8	Z-
PIN NO.9	Shield

Complementary Products:

- Special shaft
- Encoders
- Connector
- Long leadwires