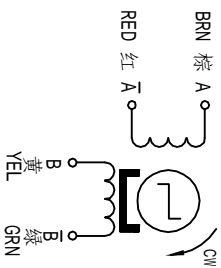
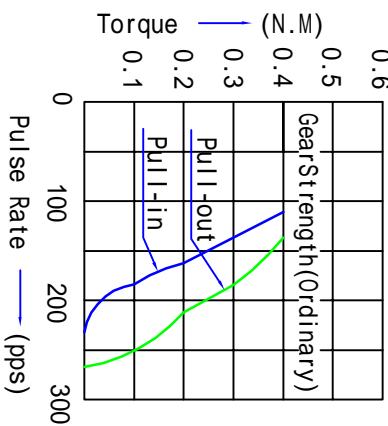


□ 接线图 COLOURS OF LEAD WIRES



PM STEPPING MOTOR MOD.55BY48BU10A

dynamic torque characteristics
(pull-in, calculate(no load))



Direction of rotation
viewed from shaft

NO	I	II
1	+	+
2	-	+
3	-	-
4	+	-

Remarks

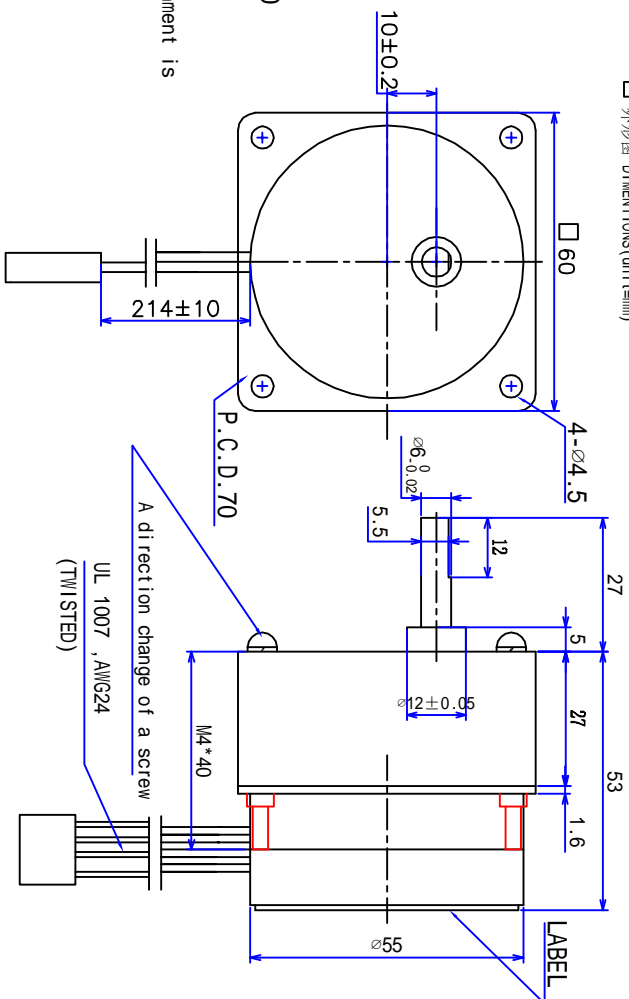
- No.10 to 14 are tested at the terminal voltage. (5.2V±2%), and the environment is normal temp(20°C±5°C), humidity range(65%±20%)
- No.14 is a value restricted by Gear Strength(Ordinary).
- No.14.Dynamic Torque characs are value by using torque meter.
- Test D.U.is BL-210 24V 0.5A/PHASE 2细分.

□ 性能参数 SPECIFICATIONS

Parameter	Value	Comment
Number of Phase	2 (PM Type)	
Excitation Mode	2-2	
Step Angle	7.5° /10	
Step Per Revolution	480	
Operation Temp Range	-10 °C ~ +55 °C	
Dielectric Strength	AC500 V (1 min)	
Insulation Class	100 MΩ (DC500V)	
Res.Per Winding	E	
Current	6.75 Ω±7%	
Ind.Per Winding	0.5 A	
Pull in Rate	12 mH (1Vrms, 1KHz)	
Pull out Rate	1200 pps	
Pull-in Torque	1300 pps	
Gear Strength A	50 N.cm(600pps)	
Gear Strength B	0.4 N.m (Ordinary)	
Temp Rise(Res.Mathod)	1/10, 3° (Max)	
Mass	55 K(Opps)	
Ambient Temp Range	520 g	
Operating Humidity	See NO.9(Operation)	
Ambient Temp.Range	RH85% (Non Dewdrop)	
	-30 °C ~ +80 °C	

Pin No.	Leading Color
1	YEL
2	GRN
3	RED
4	BRN

□ 外形图 DIMENSIONS(unit:mm)



Note

- Tolerance: ±0.5, ±5°
- However, it should be noted that indicates dimension where the shaft being pressed toward motor-side.
- Connector Spec. (Molex) Housing. 22-01-3047 Contact. 08-50-0113
- End Play : 0.5max.
Radial Play: 0.1Max.
- This motor is ROHS compliant. "R" will appear on the end of the lot number. "ROHS" will appear on the package

Design	Check	Approval	Date	Weight	Scale
110322	110322	110322	110322	110322	110322