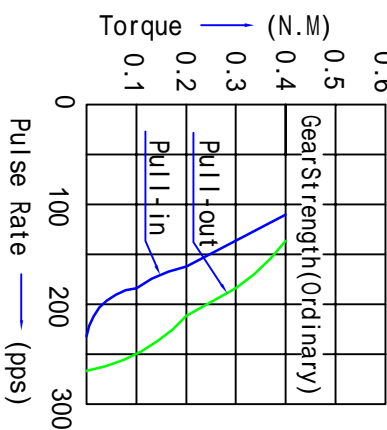


□ 接线图 COLOURS OF LEAD WIRES PM STEPPING MOTOR MOD.55BY48BJ10B



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



Direction of rotation
Viewed from shaft

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

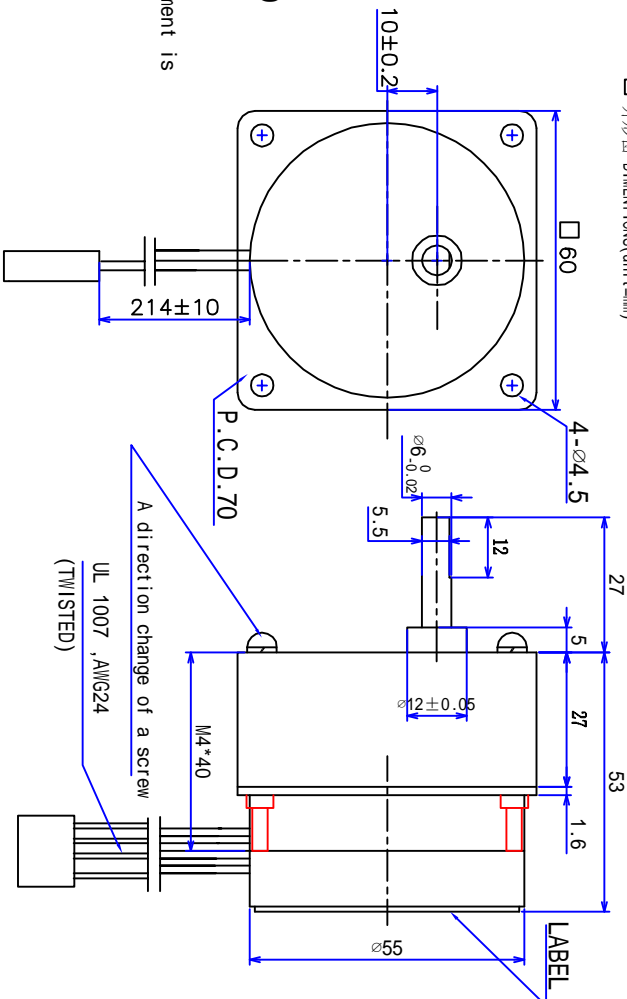
Remarks

- 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

Number of Phase	4 (PM Type)	COMMENT
Excitation Mode	4-2	
Step Angle	7.5° /10	
Step Per Revolution	480	
Operation Temp Range	-10°C ~ +55°C	
Dielectric Strength	AC500 V (1 min)	
Insulation Res.	100 MΩ (DC500V)	
Insulation Class	E	
Res. Per Winding	36 Ω ± 7%	
Current	0.28 A	
Ind. Per Winding	12 mH (1Vrms, 1KHz)	
Pull-in Rate	600 pps	
Pull-out Rate	800 pps	
Pull-in Torque	50 N.cm(200pps)	
Gear Strength A	0.4 N.m (Ordinary)	
Gear Strength B	1.2 N.m(Destruction)	
Gear Ratio Backlash	1/10, 3° (Max)	
Temp Rise (Res. Method)	55 K(Opps)	
Mass	520 g	
Ambient Temp Range	See NO. 9(Operation)	
Operating Humidity	RH85%(Non Dewdrop)	
Ambient Temp. Range	-30 °C ~ + 80 °C	

□ 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

日期 签名

格式(1)

常州宝来电器有限公司

设计	091215	标准	批准	共1张	第1张	Tel : 0519-88372126
审核						Fax : 0519-88372780
工艺						