

## 1511P0209 | PM永磁 Permanent Magnet

应用领域：安防系统、办公自动化系统、医疗器械、小家电及玩具等领域。

Applications: security systems, office automation systems, medical equipment, mini household appliances, toys, etc.

### 主要技术指标 | Characteristics

			-013-5.0-002	-013-6.5-0019
1	相数	No. of phase	2	2
2	运行方式	Excitation Mode	2-2	2-2
3	电压	Voltage	5.0	6.5
4	直流电阻	Resistance	12.6	12.6
5	步距角	Step Angle	18°	18°
6	电流	Current	0.4	0.5
7	空载牵入频率	No-load Pull-in Frequency	≥1200	≥1200
8	空载牵出频率	No-load Pull-out Frequency	≥1300	≥1300
9	自定位转矩	Detent Torque	0.40	0.40
10	牵入转矩	Pull-in Torque	1	1
11	负载牵入频率	Load pull-in Frequency	≥800	≥500
12	重量	Weight	9.0	8.8
13	工作温度范围	Operating temperature range	-20~+80	-20~+80

### 步序图 | Sequence Diagram

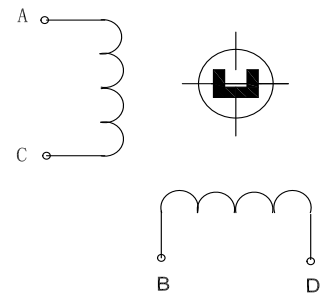
运行方式 Excitation Mode 2-2

CCW →

PIN	Step 1	Step 2	Step 3	Step 4
A	+	-	-	+
C	-	+	+	-
B	+	+	-	-
D	-	-	+	+
Phase	a,b	-a,b	-a,-b	a,-b

← CW

### 接线图 | Wiring Diagram



### 外观图 | Outline Drawing

