

# 1511BY

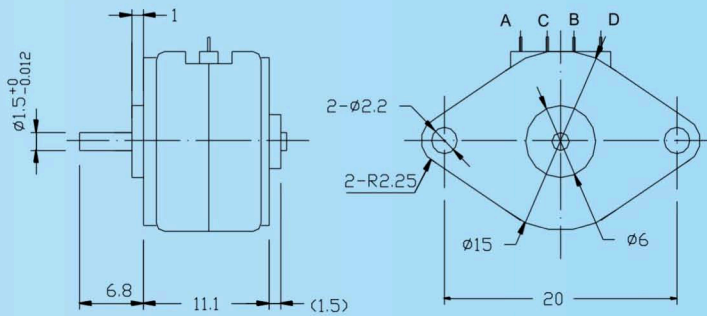
## Permanent Magnet

Applications: Security system, office automation system, medical equipment, mini household appliance, toys and so on.

### Characteristics

			1511BY01
1	No. of phase		2
2	Excitation Mode		1-2
3	Voltage	V	5
4	Resistance	$\Omega$	20
5	Step Angle	Deg	9°
6	Current	A	0.25
7	No-load Pull-in Frequency	pps	1800
8	No-load Pull-out Frequency	pps	2500
9	Detent Torque	mNm	0.80
10	Pull-in Torque	mNm	1
11	Load pull-in Frequency	pps	1000
12	Weight	g	9.5
13	Operating temperature range	°C	-20~+100

### Outline Drawing



### Sequence Diagram

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

### Wiring Diagram

