



# 技术参数

technical parameter

DM-B0830-9H

## 1、电气性能 Electrical Characteristics

序号 NO.	项目 Item	测试条件 Measuring condition	规格 Specification
1	额定电压 Rated voltage	加在端子两端的电压 Voltage applied to both ends of the terminal	DC3.0V
2	额定转速 Rated speed	在额定电压及负荷下测试 At Rated voltage and rated load	13000±3000rpm
3	额定电流 Rated current	在额定电压及负荷下测试 At Rated voltage and rated load	90 mA MAX
4	堵转电流 Stall current	额定电压下锁定电机轴条件下测试 At rated voltage and shaft locked	150 mA MAX
5	起动电压 Starting voltage	在额定负载下转子任意位置 At rated load any position of rotor	DC 2.3V MAX
6	电枢电阻 Terminal resistance	端子阻抗 Measure between terminals	1 Phase contact: 31Ω±15%
			2 Phase serial: 59Ω±15%
			2 Phase parallel: 16Ω±15%
7	绝缘电阻 Insulation resistance	100V 直流电压下导线与机壳之间 Test between lead wire and case at DC 100V	10MΩ MIN
8	绝缘电压 Insulation voltage	在导线与马达机身之间提供 DC50V 电压一分钟 DC50V between lead wire and motor case for one minute	No destruction occurs
9	机械噪音 Mechanical noise	额定电压下, 背景噪声≤25 dB(A),电机固定在测试夹具上, 拾音器沿轴向正对电机平面, 距离 10 cm。 At rated voltage, Back ground noise: 25 dB(A) Max, Fix the motor in a test jig. Microphone is faced to the motor and recedes by 10cm	50dB(A)MAX
5-10	振动量 Vibration swing	<p>The diagram illustrates the vibration test setup. A motor is placed on a sponge. A weight of 100g is attached to the motor's shaft. A 3V DC power source is connected to the motor. A VM-83 sensor is positioned to measure the vibration of the motor.</p>	≥0.9G

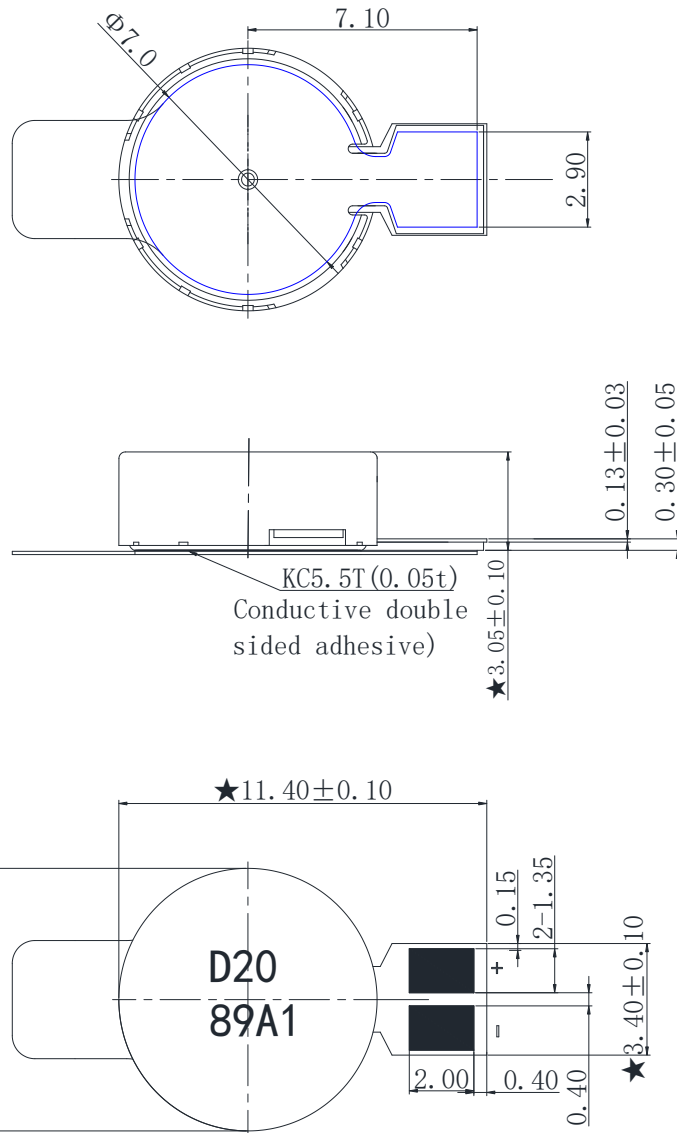


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## 2、产品外形图 Product Drawing



### 技术要求 (Technical requirement):

1. 未注尺寸公差为 $\pm 0.2\text{mm}$ 。(Unnoted dimensional tolerances are  $\pm 0.2\text{mm}$ )
2. 喷码方式如下示例: (Sprurts the code way as follows the example)  
 10月、11月、12月分别用A、B、C表示。(Oct. Nov. and Dec. are represented by ABC)  
 第10日开始用A-Z表示。(Day 10 begins with A~Z)  
 字母0, Q, I, U不做使用 (The letters 0, Q, I, and U are not used)

公司代码  $\frac{D}{20}$  年 (YEAR)

(Company code)  $\frac{8}{9} \frac{A}{1}$  线别 (The line does not)

月日 班组  
 Month Day Team