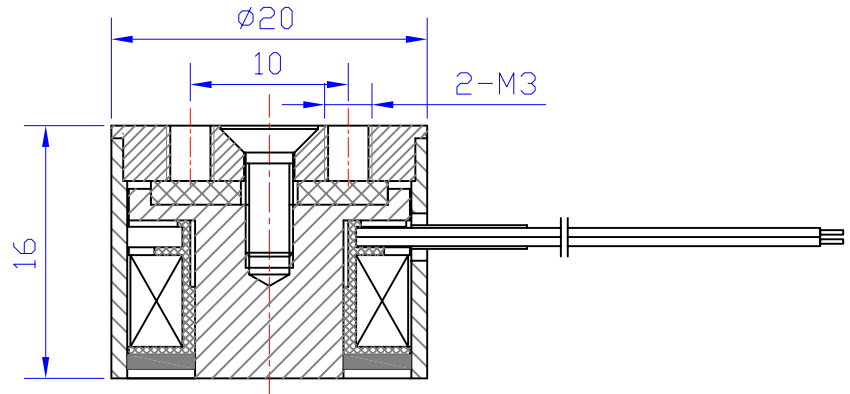


## ZHI-2016 Electromagnet Solenoids



总重量 Total Weight: 25g  
应用范围: 用于自动化设备等  
APPLICATION: MACHINE etc



### 1. 标准试验条件 (STANDARD TEST CONDITION)

- 1-1 环境 (AMBIENCE) 周围温度 (AMBIENCE TEMP):  $20 \pm 2^\circ\text{C}$   
相对湿度 (RELATIVE HUMIDITY):  $65 \pm 5\%$   
大气压 (ATMOSPHERIC PRESSURE): 1013mbar

1-2 试验负载 (LOAD) 负载 (COUNTER WEIGHT)

- 1-3 电源 (POWER) 稳定电源 (电压变动  $1\text{mVrms MAX}$ )  
<STEADY POWER (RIPPLE VOLTAGE  $1\text{mVrms MAX}$ )>

### 2. 额定参数 (RATED VOLTAGE)

- 2-1 电压 (VOLTAGE): DC6V  
2-2 电流 (CURRENT): 1A (at DC6V  $20^\circ\text{C}$ )  
2-3 功率 (WATTAGE): 6W  
2-4 使用电压范围:  $\text{DC6V} \pm 10\%$   
2-5 直流电阻 (DC RESISTANCE):  $6\Omega + 10\%$  (周围温度  $20^\circ\text{C}$ )  
2-6 工作循环 (DUTY CYCLE): 10%, 单次通电  $<1000\text{ms}$   
2-7 绝缘等级 (INSULATION CLASS): B类 (CLASS)

### 3. 电气特性 (ELECTRONICAL CHARACTERISTICS)

- 3-1 吸引力 (ATTRACTING FORCE)

断电时 0mm	吸力 $>1000\text{g}$ (吸合面 $>25*25*0.5\text{mm}$ 铁板)
通电时 0mm	释放 (吸合面 $>25*25*0.5\text{mm}$ 铁板) DC6V时剩磁小于 $50\text{g}$

- 3-2 绝缘电阻 (INSULATION RESISTANCE) 线圈和框架间  $100\text{M}\Omega$  (DC500V 常规温度/湿度)  
BETWEEN COIL AND FRAME DC500V NORMAL

- 3-3 耐电压 (DIELECTRIC STRENGTH) 线圈和框架间 AC500V (50/60Hz) 1Min 或  
AC600V (50/60Hz) 1Sec (击穿电流 1mA)  
BETWEEN COIL AND FRAME AC500V (50/60Hz) 1Min OR  
AC600V (50/60Hz) 1Sec (1mA)

- 3-4 温升 (TEMPERATURE RISE) 在额定电压 DC6V 下, 温升为  $65^\circ\text{C MAX}$   
AFTER DC6V APPLIED BY RESISTANCE METHOD  $65 \text{ deg MAX}$

- 3-5 寿命 (LIFE) 典型值为 30 万次 (10% electrify)  
REPETITIVE OPERATION FOR 0.3 MILLION CYCLE  
TEMP/HUMIDITY,  $100\text{M}\Omega$  MEGGER AT DC6V

- 3-6 工作温度、湿度 (OPERATING TEMP/HUMIDITY)  $-20^\circ\text{C} \sim +40^\circ\text{C}$ , 5% RH  $\sim$  85% RH