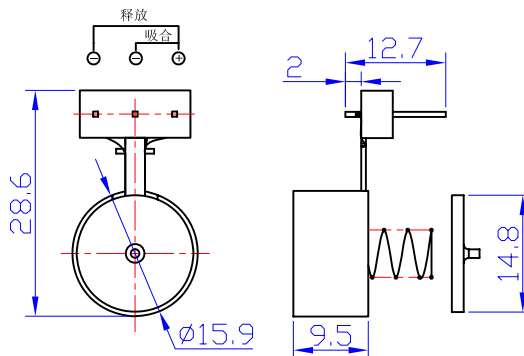


ZHI-2016 Electromagnet Solenoids



总重量 Total Weight: 10g
应用范围: 用于防火设备等
APPLICATION: FIREPROOF EQUIPMENT etc

1. 标准试验条件 (STANDARD TEST CONDITION)

- 1-1 环境 (AMBIENCE) 周围温度 (AMBIENCE TEMP): 20°C ± 2°C
相对湿度 (RELATIVE HUMIDITY): 65 ± 5%RH
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1mVrms MAX)
<STEADY POWER (RIPPLE VOLTAGE 1mVrms MAX)>

2. 额定参数 (RATED VOLTAGE)

- 2-1 电压 (VOLTAGE): DC5V/DC2V
- 2-2 电流 (CURRENT): 吸合电流: 0.8 ~ 0.87A; 释放电流: 2.25 ~ 2.5A
- 2-3 功率 (WATTAGE): 吸合功率: 3.84 ~ 4.5W; 释放功率: 4.05 ~ 5W
- 2-4 使用电压范围: 吸合电压: DC4.8 ~ 5.2V; 释放电压: DC1.8 ~ 2V
- 2-5 直流电阻 (DC RESISTANCE): 吸合电阻: $6\Omega \pm 3\%$; 释放电阻: $0.8\Omega \pm 3\%$
- 2-6 工作循环 (DUTY CYCLE): 10%, 最大通电时间0.1秒
- 2-7 绝缘等级 (INSULATION CLASS): B类 (CLASS B)

3. 电气特性 (ELECTRONICAL CHARACTERISTICS)

3-1 吸引力 (ATTRACTING FORCE)

行程 (STROKE)	DC - 5V (初始值)
0mm	>1200gf
0.6mm	>30gf

- 3-2 绝缘电阻 (INSULATION RESISTANCE) 线圈和框架间100M Ω (500VDC常规温度/湿度)
BETWEEN COIL AND FRAME DC500V NORMAL TEMP/HUMIDITY, 100M Ω MEGGER
- 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) 在电压DC-5V下, 温升为80°CMax
AFTER DC-5V APPLIED BY RESISTANCE METHOD 80 deg MAX
- 3-5 寿命 (LIFE) 典型值为50万次 (通电0.1秒, 断电1秒)
REPETITIVE OPERATION FOR 0.5MILLION CYCLE (ON: 0.1Sec OFF: 1Sec) at DC5V
- 3-6 工作温度、湿度 (OPERATING TEMP/HUMIDITY) - 20°C ~ +40°C, 0% RH ~ 90%RH