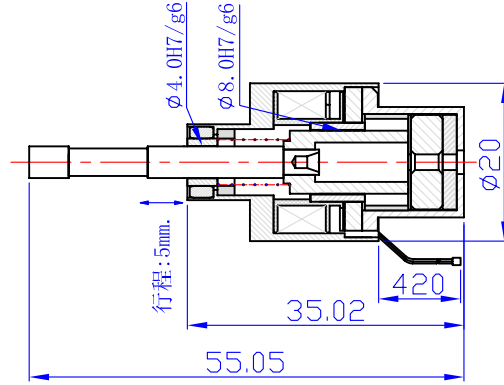


ZHT-0835S Tubular Solenoids



单位:mm Units:mm 通电状态 Shown Energized

总重量 Total Weight: 42g
应用范围: 用于玩具, 门锁等
APPLICATION: TOY, DOOR LOCK etc

ZHT

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 1mVrms MAX) <STEADY POWER (RIPPLE VOLTAGE 1mVrms MAX)>

2. 额定参数 (RATED VOLTAGE)

2-1 电压 (VOLTAGE): DC5V
2-2 电流 (CURRENT): 1.7A (at DC05V 20°C)
2-3 功率 (WATTAGE): 8.5W
2-4 使用电压范围: $\text{DC5V} \pm 10\%$
2-5 直流电阻 (DC RESISTANCE): $3\Omega \pm 10\%$ (周围温度 20°C)
2-6 工作循环 (DUTY CYCLE): 间歇通电 ON: 10msec OFF: 20msec
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) (带弹簧)
1mm	100gf (MIN)
3mm	50gf (MIN)
5mm	10 gf (MIN)

3-2 绝缘电阻 线圈和框架间 $100\text{M}\Omega$ (500DVC 常规温度/湿度)

(INSULATION RESISTANCE) BETWEEN COIL AND FRAME DC500V NORMAL

3-3 耐电压 线圈和框架间 AC1000V (50/60Hz) 1分钟 或 AC1200V (50/60Hz) 1秒钟

(DIELECTRIC STRENGTH) BETWEEN COIL AND FRAME AC1000V (50/60Hz) 1min OR AC1200V (50/60Hz) 1Sec

3-4 温升 在额定电压 DC-05V 下, 温升为 65°C Max

(TEMPERATURE RISE) AFTER DC-05V APPLIED BY RESISTANCE METHOD 65 deg MAX

3-5 寿命 典型值为 5000 万次 (ON 10msec; OFF 20msec)

(LIFE) REPETITIVE OPERATION FOR 1MILLION CYCLE (ON 10msec;

3-6 工作温度、湿度 $-5^{\circ}\text{C} \sim 55^{\circ}\text{C}$, 5% RH ~ 95% RH

(OPERATING TEMP/HUMIDITY)