

# 规格书

1. 适用范围(scope of application) 本规格书仅适用于本公司的直流螺线管HD2728L-12-9A  
(The specification only applies for the Tubular solenoid HD2728L-12-9A of our compang.)

2. 标准试验条件 (standard test condition) :

2-1 环境 (ambience) 周围温度 (ambience temperature) :  $20 \pm 2^{\circ}\text{C}$   
相对湿度 (relative humidity) :  $65\text{RH} \pm 5\%$   
大气压 (atmospheric pressure) :  $1013\text{mbr}$

2-2 电源 (power supply) 稳定电源 (stabilized power source)

2-3 试验负载 (load) 负载 (counter weight)

2-4 试验方法 (test mode)

(1) 吸入力: 滑杆处于垂直位置, 负载向下  
(attraction force: plunger to be vertical and load down)

(2) 残留吸引力: 滑杆处于垂位置, 负载向下  
(residual magnetism: plunger to be vertical and load down)

(3) 保持力: 滑杆处于垂位置, 负载向下  
(Holding force: plunger to be vertical and load down)

3. 外形图 (appearance)

3-1 外形尺寸: 参照附图。图号: HD2728L-ZZ  
(dimension see the attachment.drawing NO.HD2728L-ZZ)

4. 额定参数 (rated parameter)

4-1 电压 (Voltage) : DC6V  
4-2 电流 (Current) : 0.6A(at DC6V  $20^{\circ}\text{C}$ )  
4-3 功率 (Wattage) : 15.6W  
4-4 直流电阻 (DC Resistance):  $9\Omega \pm 10\%$  周围温度 $20^{\circ}\text{C}$  (at  $20^{\circ}\text{C}$ )  
4-5 周期工作率 (duty cycle) : 5%通电 (cycle 5%)  
4-6 单次最长允许通电时间: 5秒 (ON MAX 3 SEC)  
4-7 绝缘等级 (insulation class) : B类 (A class)

5. 电气特性 (electrical characteristics)

5-1 力量 (force)

行程 (stroke)	DC12V 初始值 (incipient value)
0MM	$\geq 500\text{gf}$
4MM	$\geq 160\text{gf}$

5-2 残留吸引力 在DC12V下, 滑杆的重量加上5gf(垂直方向)  
(residual magnetism) after DC12V applied shall be return at weight of  
Iron rod 5gf (perpendicular direction)

5-3 绝缘电阻 线圈和框架之间 $100\text{M}\Omega$  (DC500V 常规温度/湿度)  
(insulation resistance) between coil and frame DC500V narmal temperature /  
humidity,  $100\text{M}\Omega$  megger

5-4 耐电压 线圈和框架间AC500V(50/60Hz)1 Mim或AC1200V(50/60Hz)  
1Sec  
(withstand voltage) between coil and frame AC500V(50/60Hz)1Min or AC1200V  
(50/60Hz)1Sec

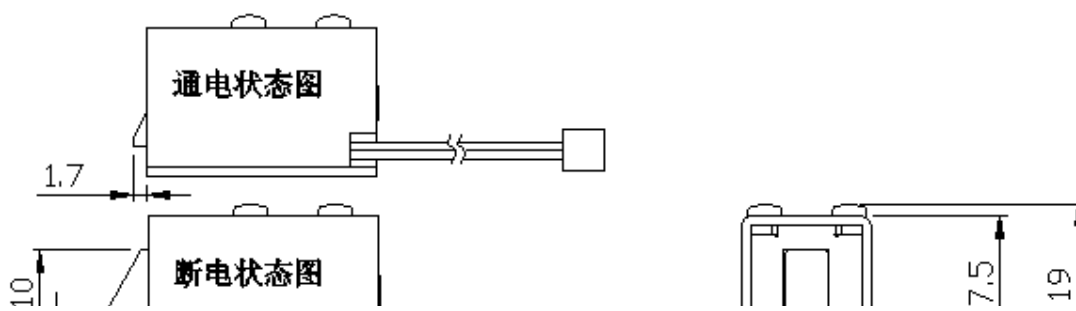
5-5 温升 在额定电压DC12V下, 温升为 $70^{\circ}\text{C}$  Max  
(temperature rise) after DC12V applied by resistance method  $70\text{ deg Max}$

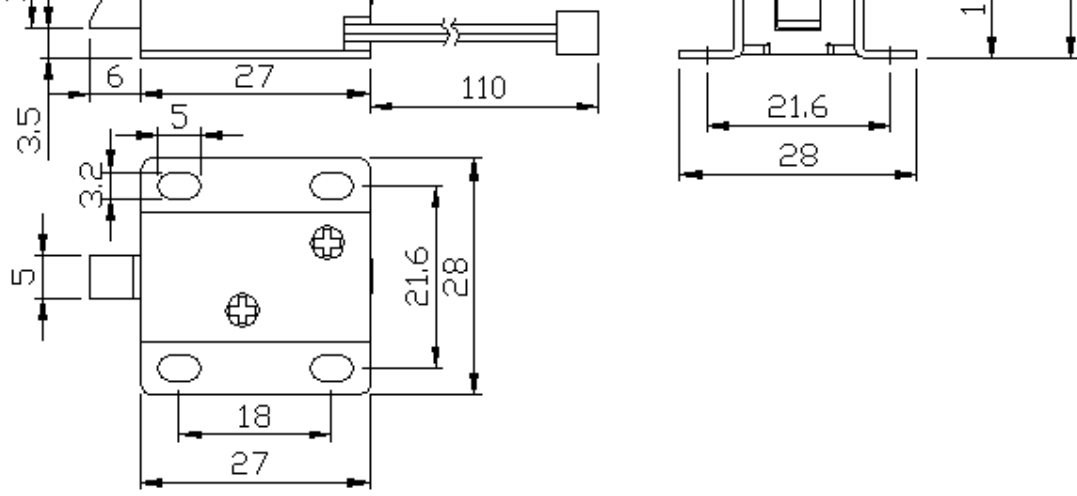
5-6 寿命 典型值50万次 ( DC12V 3%通电率)  
(life) repetitious operation for 0.5 million cycle (DC12V cycle5%)

5-7 端子强度 当施加0.5kgf(任意方向)时, 不允许脱落  
(leadwire strength) adding 0.5kgf (random rirection) not chip off

5-8 工作温度、湿度 (Opration temperature / humidity)  $-5^{\circ}\text{C} \text{ -- } +55^{\circ}\text{C}$   $5\% \text{RH} \text{ -- } 85\% \text{RH}$

附图 (HD2728L-ZZ) :





小柜子锁安装图