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深圳众恒电器有限公司

SHENZHEN ZONHEN ELECTRIC APPLIANCES Co., Ltd.

设计	
审核	
批准	

名称

SPECIFICATION

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CUSTOMER:

PART NO.: ZHO-0420S-05A4.5

CUSTOMER PART NO.:

1. 适用范围 (scope)

本规格书仅适用于直流螺线管ZHO-0420S-05A4.5

THIS SPECIFICATION APPLIES TO JIE MEI Expectation Electronic CO., LTD OF A DC SOLENOID FOR AS ZHO-0420S-05A4.5

2. 标准试验条件 (STANDARD TEST CONDITION)

2-1 环境 (AMBIENCE) 周围温度 (AMEBIENCE TEMP): 20 ± 2℃

相对湿度 (RELATIVE HUMIDITY):65 ± 5%

大气压 (ATMOSPHERIC PRESSURE): 1013mbar

2-2 试验负载(LOAD) 负载(COUNTER WEIGHT)

2-3 电源 (POWER) 稳定电源 (电压变动1mVrms MAX)

<STEADY POWER (RIPPLE VOLTAGE 1mVrms MAX) >

- 2-4 试验方法(TEST POSTURE)
 - (1) 吸引力: 滑杆处于垂直位置, 负载向上 (ATTRACTING FORCE: PLUNGER TO BE VERTICAL AND LOAD UP)
 - (2) 残留吸引力: 滑杆处于垂直位置, 负载向下 (RESIDUAL MAGNETISM: PLUNGER TO BE VERTICAL AND LOAD DOWN)
 - (3)保持力:滑杆处于垂直位置,负载向上 (HOLDING FORCE: PLUNGER TO BE VERTICAL AND LOAD UP)
- 3. 外形图 (APPEARANCE)
 - 3-1 外形尺寸: 参照页码4/4 (DIMENSION SEE THE PAGE 4/4
- 4. 额定参数 (RATED VOLTAGE)

4-1 电 压 (VOLTAGE): DC 5V

4-2 电 流 (CURRENT): 1.1A(at DC 5V 20℃)

 4-3 功
 率 (WATTAGE):
 5.5W

 4-4 使用电压范围:
 DC5V ± 5%

4-5 直流电阻 (DC RESISTANCE):
 4.5 ± 5%Ω (周围温度20℃)
 4-6 工作循环 (DUTY CYCLE):
 间歇通电 ON: 1 sec OFF: 3 sec

4-7 绝缘等级(INSULATION CLASS): B类(CLASS)

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5. 电气特性 (BLECTRONICAL CHARACTERISTICS)

5-1 吸引力 (ATTRACTING FORCE)

行程 (STROKE)	DC 5V
3	80g (min)

5-2 残留吸引力 在DC 5V下,滑杆的重量加上8gf (垂直方向)

(RESIDUAL MAGNETISM) AFTER DC 5V APPLIED SHALL BE RETURN AT WEIGHT OF

① PLUNGER AND 8gf (PERPENDICULAR DIRECTION)

5-3 绝缘电阻 线圈和框架间100MQ (DC500C常规温度/湿度)

(INSULATION RESISTANCE) BETWEEN COIL AND FRAME DC500V NORMAL

TEMP/HUMIDITY, 100M Q MEGGER

5-4 耐电压 线圈和框架间AC500V (50/60Hz) 1Min或

(DIBLECTRIC STRENGTH) AC600V (50/60Hz) 1Sec (击穿电流1mA)

BETWEEN COIL AND FRAME AC500V (50/60Hz) 1Min OR

AC600V (50/60Hz) 1Sec (1mA)

5-5 温 升 在额定电压DC 5V下, 温升为65℃Max

(TEMPERATURE RISE) AFTER DC 5V APPLIED BY RESISTANCE METHOD 65 deg MAX

5-6 寿 命 典型值为30万次(ON 1sec; OFF 3sec)

(LIFE) REPETITIVE OPERATION FOR 0. 3MILLION CYCLE (ON 1 sec,

OFF 3sec AS ONE CYCLE) at DC 5V

5-7 引线强度 当施加0.5kgf(任意方向)时,不允许线断

(LEADWIRE STRENGTH)

5-8 工作温度、湿度 -5℃~65℃,5%RH~85%RH

(OPERATING TEMP/HUMIDITY)

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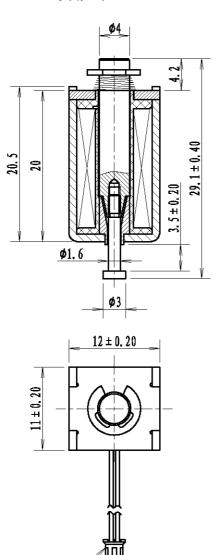
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SPECIFICATION

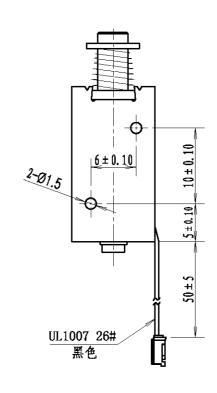
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2PIN PH2. 0場子売



技术要求

- 1、未注公差取IT14级;
- 2、保证滑杆装配后运动灵活;
- 3、所有铰锭部位牢固可靠。

	>0 ⁻ 3	>3¯6	% 10	>10 18	>18 30	>30 ⁻ 50	>50_80
IT14	± 0. 125	± 0. 150	± 0. 180	± 0. 215	± 0. 260	± 0. 310	± 0. 370

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