

No: SR-2-019-02-A

App

Chk

Dwg

Date

Specification Sheet

Relay S12H-PAS-12 50A

1.Scope: This specification covers RelayS12H-PAS-12 50A
(It Includes specifications and drawings)

Approval Blank

Please sign & chop for the approval of the specification for the specified in this drawing.

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Relay Model :S12H-PAS -12

General Performance

1.Application :Power supply, UPS, Security alarm systems,
TV control units, control switching Box etc...

2.Safety Standard :UL&CUL

3.Contact Specification

3-1 Contact Form :SPNO

3-2 Contact Material :Silver alloy

3-3 Max. Switching Current :50A

3-4 Max. Switching Voltage :250VAC

3-5 Max. Switching Capacity :12500VA

3-6 Resistive Load :50A 250VAC

4.Electrical Specification (at 23 ° C)

4-1 Nominal Voltage :12VDC

4-2 Nominal Current :100mA

4-3 Pick Up Voltage :9VDC(75%of the Nominal Voltage)

4-4 Drop Out Voltage :1.2VDC(10%of the Nominal Voltage)

4-5 Maximum Applicable Voltage :15.6VDC

4-6 Coil Resistance :120Ohm+/- 10%

4-7 Operate Time :15ms

4-8 Release Time :10ms

4-9 Nominal Power Consumption :1.2W

5.Service Life

5-1 Electrical Service Life :6,000 Ops.(frequency 360 cycles/hr)

5-2 Mechanical Service Life :10,000,000 Ops.(frequency 18,000 cycles/hr)

6.Dielectric Strength

6-1 Between Coil and Contact :1500VAC for 1 Minute

6-2 Between Contact :1500VAC for 1 Minute.

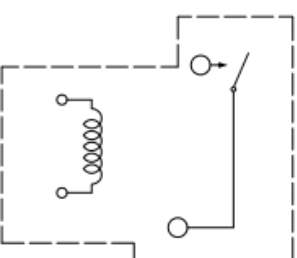
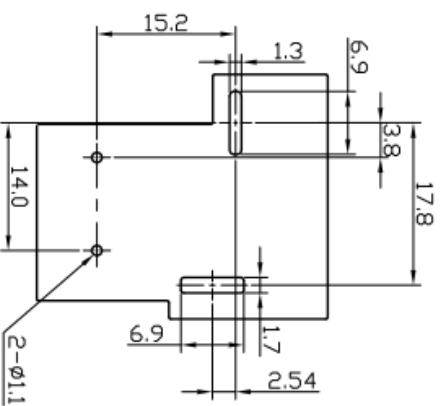
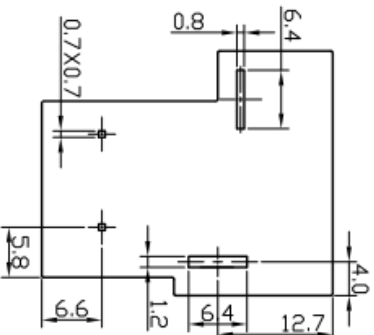
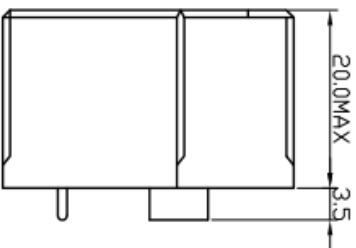
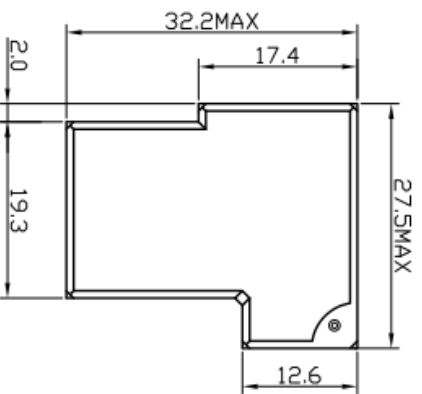
7.Insulation Resistance :100M Ω Min(DC 500V)

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8.Contact resistance	:100m Ω Max.
9.Vibration	
9-1 Error Operational	:10 to 55 Hz Double Amplitude 1.5 mm
9-2 Endurance	:10 to 55 Hz Double Amplitude 1.5 mm
10.Shock resistance	
10-1 Endurance	:100G Min
10-2 Error Operation	:10 G Min
11.Ambient temperature	
11-1 Operating	:-30~ +65 $^{\circ}$ C
12.Weight	: about 25g
13.Sample testing Method	:MIL-STD-105E Level-General H AQL-0.4
14.Part Number Arrangement,	
S12H - PAS - 12 50A	
(1) (2) (3)	
(1) Relay Model	
(2) Contact arrangement(1A: SPNO)	
(3) Coil Voltage	

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Outline Dimensions

PCB Layout

Wiring Diagram

- 注: 1. 未注公差尺寸
 $<1\text{mm} : \pm 0.2\text{mm}$
 $1-5\text{mm} : \pm 0.3\text{mm}$
 $>5\text{mm} : \pm 0.4\text{mm}$
 2. 安装孔尺寸公差 $+0.1\text{mm}$
 3. 引脚间距尺寸公差为 $\pm 0.2\text{mm}$

版次	更改标记	数量	更改单号	签名	日期
第 1 版	设计				
底图总号	绘图				
日期	审核				
签名	标准化				
	批注				

镀涂	S12P-SPNO (宽脚) 脚位图	R0012-2-2
		等级
		标记
		重量
		比例
		1.5:1
		第 1 张
		共 1 张
		江华晟瑞电子有限公司