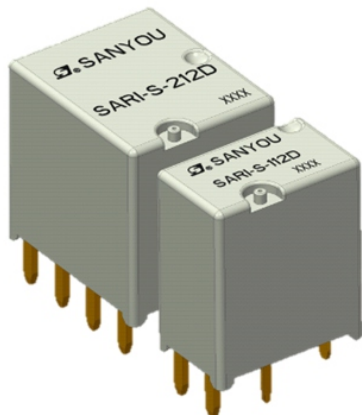




特点 Feature

- 超小型
Microminiature
- 25A电机负载
25A motor rating
- 转换型触点形式
Transformational contact
- 支持250°C回流焊
250 °C reflow soldering
- H级 (180°C) 线圈耐热等级
H (180°C)insulation Class
- 单、双继电器 (8脚、10脚) 可供选择
Single and dual relays available

典型用途 Typical Application

- 中央门锁、天窗控制、自动门窗、车镜调节、座椅调节
Central door lock, skylight control, automatic doors and Windows, mirror adjustment, seat adjustment

触点参数 Contact Data

型号 Model	SARI
额定负载(阻性) Nominal switching capacity (res. load)	25A 14VDC (at 23°C)
最大切换电流 Max. switching current	30A
最大切换电压 Max. switching voltage	16VDC

性能参数 Parameters Data

触点材料 Contact material	银合金 Silver alloy	
接触电阻 Dropping Voltage of Contacts	250mV Max (at10A)	
吸合时间 Operate time (at nominal volt.)	10msec. Max.	
释放时间 Release time (at nominal volt.)	10msec. Max	
绝缘电阻 Initial insulation resistance	500MΩ Min.(DC500V)	
介质耐压 Initial dielectric strength	Between open contacts: AC500V, 50/60Hz for 1min.	
	Between coil and contact: AC500V, 50/60Hz for 1min.	
振动 Vibration resistance	稳定性 Functional	10 ~ 100Hz, 44.1m/s ²
	强度 Destructive	10 ~ 500Hz, 44.1m/s ² 2h
冲击 Shock resistance	稳定性 Functional	100m/s ² (pulse duration: 11ms)
	强度 Destructive	1000m/s ² (pulse duration: 6ms)
机械寿命 Mechanical	1×10 ⁷	
环境温度 Ambient temperature	-40°C ~ +110°C (no condensation)	
重量 Weight	单继电器: 约 3.5g ; 双继电器: 约6.5g Single type: Approx 3.5 g ; Dual type: Approx 6.5g	

线圈参数(at 23°C)
Coil Data

额定电压 Nominal voltage (VDC)	额定电流 Rated current ±10%(A)	最大允许电压 Max. Allowable voltage (V)	线圈电阻 Coil resistance ±10%(Ω)	吸合电压 Pick-up voltage (V)	释放电压 Drop-out voltage (V)	线圈功率 Coil power (W)
12	75	16	160	≤6.5	≥0.8	Approx 0.9
12	54.3	16	221	≤7.7	≥0.8	Approx 0.65

触点性能
Contact Performance

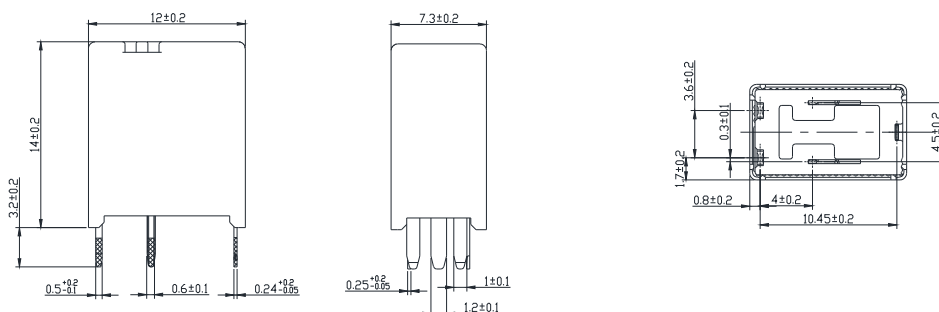
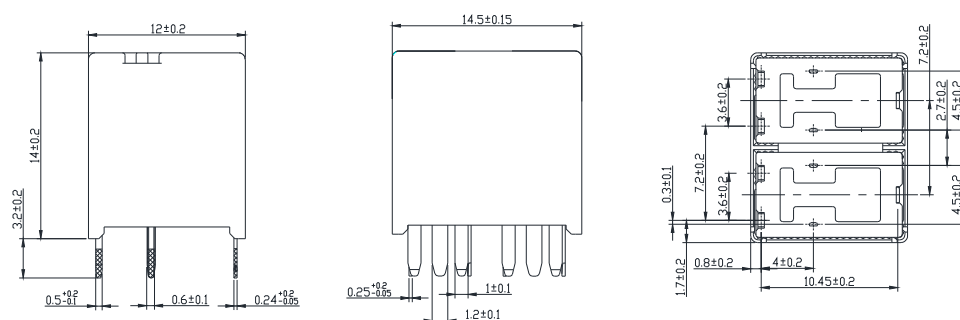
触点负载电压 Contact Voltage	负载类型 Rating type		触点负载电流(A) contact rating current(A)		通断比 Duty factor		电寿命（次） Endurance (cycles)	触点材料 Material	试验环境温度 Test ambient temperature
			1C、1A		接通 Marking (s)	断开 Breaking (s)			
			常开 NO	常闭 NC					
14VDC	阻性 Resistive Load	On	25	10	1	9	1x10 ⁵	AgSnO ₂	23℃
		Off	25	10					
	电机负载 Mator Load	On	25	—	0.5	0.95	1x10 ⁵	AgSnO ₂	
		Off	25	—					

订货标记
Ordering Information

型号命名规则 Nomenclature						
SARI	-S	-1	12	D	-XX	
特殊参数: 无-标准型, 字母或数字-特殊要求 Special Parameter: Nil-Standard type,Letter or number-Special requirement						
线圈功耗: D-0.9W, H-0.65W Coil Power						
线圈规格(VDC): 12 Coil Voltage						
触点组数: 1-单继电器;2-双胞胎继电器 Number of Poles: 1-single relay 2-dual relay						
封装形式: S-塑封式; SH-防水式 Protective Construction: S-Flux proofed ;SH-sealed type washable						
基本型号: SARI Type Designation						

外形尺寸、接线、安装孔位图

Outline Dimensions, Wiring Diagram, Mounting Holes (unit: mm)

单继电器
Single Relay双继电器
Dual Relay

未标注尺寸公差:

< 1mm: $\pm 0.2\text{mm}$ 1~5mm: $\pm 0.3\text{mm}$ > 5mm: $\pm 0.4\text{mm}$

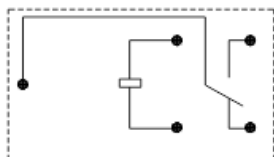
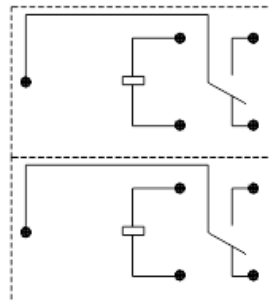
注: 1、引出脚尺寸为预焊前尺寸

2、安装孔尺寸公差: $\pm 0.1\text{mm}$

Unless otherwise specified:

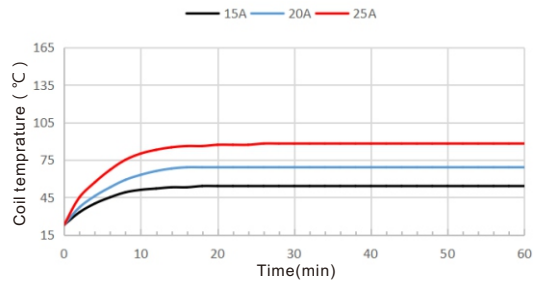
If dimension < 1mm, tolerance: $\pm 0.2\text{mm}$;If dimension 1~5mm, tolerance: $\pm 0.3\text{mm}$;If dimension > 5mm, tolerance: $\pm 0.4\text{mm}$.

Note: 1. Extended terminal dimension is dimension before soldering.

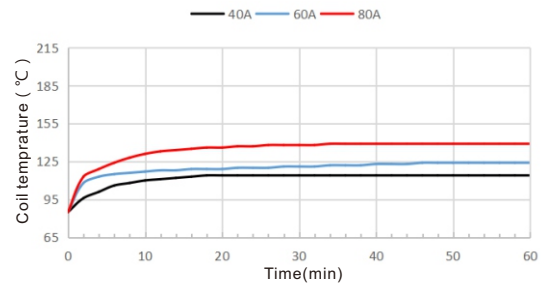
2. Tolerance of mounting holes: $\pm 0.1\text{mm}$.单继电器接线图
Single Relay双继电器接线图
Dual Relay接线图(底视图)
Wiring Diagram (bottom view)

性能曲线图 Characteristic Curves

Terminal temperature rise curve
Test items:SARI-SH-112D(0.9W)
Amount:3PCS
Coil voltage:12VDC
Load current:15A,20A,25A
Environment temperature:23°C



Terminal temperature rise curve
Test items:SARI-SH-112D(0.9W)
Amount:3PCS
Coil voltage:12VDC
Load current:15A,20A,25A
Environment temperature:85°C



声明:

本产品规格书仅供客户使用时参考, 若有更改, 恕不另行通知。

对三友而言, 不可能评定继电器在每个具体应用领域的所有性能要求, 因而客户应该根据具体的使用条件选择与之相匹配的产品, 若有疑问, 请与三友联系获取更多的技术支持, 但产品选型责任仅由客户负责。

Statement:

This product specification is for reference only, subject to change without prior notice. For Sanyou, it is impossible to assess all the performance requirements of relays in each specific application field, so customers should choose the products that match them according to the specific use conditions. If in doubt, please contact Sanyou for more technical support, but the responsibility of product selection is solely the customer's responsibility.

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