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SERIES: SR11 | DESCRIPTION: SIGNALRELAY

FEATURES

- 3~24 Vdc coil voltage
- 200 mW coil power
- contact form 2C





MODEL	coil voltage	coil resistance	operating voltage	release voltage	coil power
	typ (Vdc)	(Ω±10%)	min (Vdc)	max (Vdc)	typ (mW)
SR11-3V-200-2C	3	45.0	2.25	0.3	200
SR11-5V-200-2C	5	125	3.75	0.5	200
SR11-9V-200-2C	9	405	6.75	0.9	200
SR11-12V-200-2C	12	720	9.0	1.2	200
SR11-24V-200-2C	24	2,880	18.0	2.4	200

1. All specifications are measured at 23°C unless otherwise specified.

PART NUMBER KEY

SR11 - XX - 200 - 2C

Base Number

Coil Voltage (Vdc):

3V = 3

5V = 5 9V = 9

12V = 12

24V = 24

CONTACT SPECIFICATIONS

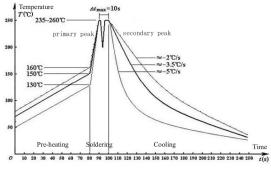
parameter	conditions/description	min	typ	max	units
contact form	2 Form C				
contact material	AuAg overlay				
contact rating	1 A @ 120 Vac, 24 Vdc				
contact resistance	at 6 Vdc, 0.1 A			50	mΩ
max switching voltage				125 30	Vac Vdc
max switching current				2	А
max switching power				240 48	VA W
min switching load	5 Vdc, 10 mA				
life	electrical mechanical		100,000 15,000,000		operations operations

GENERAL SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
insulation resistance	at 500 Vdc	1,000		ΜΩ	
dielectric strength	between open contacts for 1 minute between coil and contacts for 1 minute		500 1,000		Vac Vac
operate time				7	ms
release time				3	ms
shock resistance	endurance misoperation		1,000 100		m/s² m/s²
vibration resistance endurance: 10~55 Hz, 1.5 mm double amplitude misoperation: 10~55 Hz, 1.5 mm double amplitude					
erating temperature		-25		70	°C
humidity	at 40°C	35 95		%RH	
weight		5.0		g	
safety approvals	UL/cUL 508				
lammability rating UL94V-0					
RoHS	yes				
packaging	tube: 25 pcs per tube carton size: 584 x 310 x 134 mm carton QTY: 2,000 pcs per carton				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3.5±0.5 seconds	340	350	360	°C
wave soldering	for 10±1 seconds	255	260	265	°C

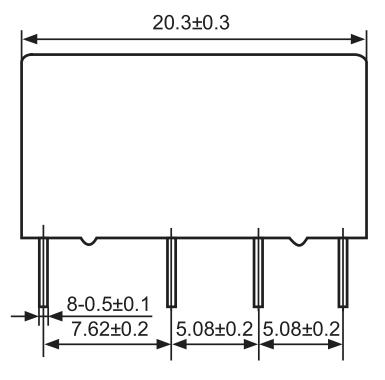


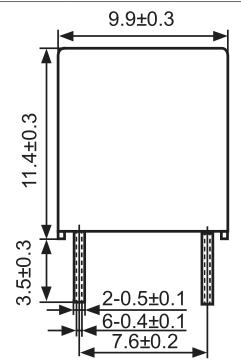
Double-wave Soldering Curve

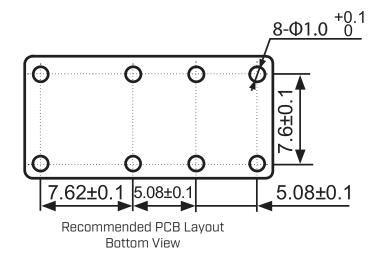
MECHANICAL DRAWING

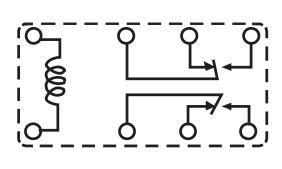
units: mm tolerance: ±0.3 mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
Α	housing	PBT (UL94V-0)	orange
В	terminals	copper covered steel	tin



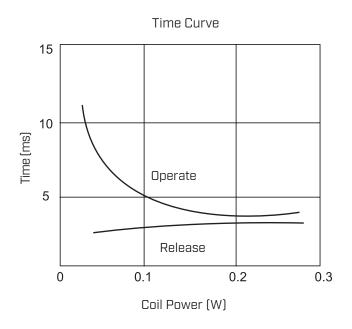


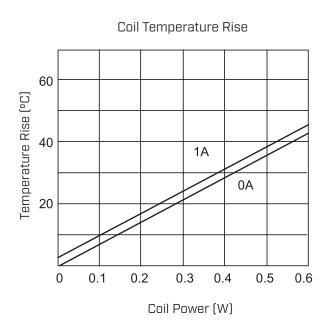


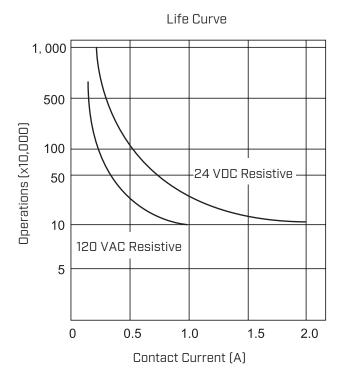


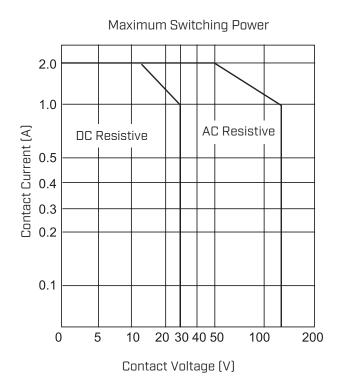
Wiring Diagram Bottom View

CHARACTERISTIC CURVES









Additional Resources: Product Page | 3D Model

CUI DEVICES | SERIES: SR11 | DESCRIPTION: SIGNAL RELAY

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REVISION HISTORY

rev.	description	date	
1.0	initial release	06/07/2022	
1.01	logo, datasheet style update	10/28/2022	

The revision history provided is for informational purposes only and is believed to be accurate.



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