



NingBo Songle Relay Co.,LTD.

SRU



TUV File No.R9933789

- 1、Spacer saver ideal for equipment miniaturization,satisfying all requirement for use in household eletric appliances.
- 2、 Micro voltage/current load type employing highly reliable Ag alloy and gold flashed contacts permits switching of a wide range of loads from dry circuits of. Several mA to 15A.
- 3、 Epoxy seal type and flux free.

◆ COLL SPECIFICATION [at25degrees ]

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (ohm±10%)	Power Consumption (w)	Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max-Allow Able Voltage(VDC)
High Sensitivity	3	120	25	abt 0.36w	75%Max	10%MIn	130%
	5	71	70				
	6	60	100				
	9	40	225				
	12	30	400				
	18	20	900				
	24	15	1600				
Standard Sensitivity	3	150	20	Abt 0.45w	75%Max	10%MIn	130%
	5	89	56				
	6	75	80				
	9	50	180				
	12	37.5	320				
	18	25	720				
	24	18.7	1280				

◆ CONTACT RATING

Contact Form	SPDT
Contact Capacity	10A 240VAC
Resistave Load(cosØ=1)	15A 125VAC
Inductiv Load(cosØ=0.4)	4A 120VAC
L/R=7msec	4A 24VDC
Contact Material	AgCdo

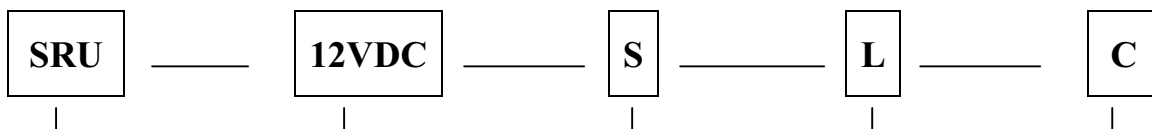
◆NOTE:Contact rating 1:10A/240vac 2:15A/125VAC

## SONGLE RELAY

### ◆PERFORMANCE[at initial value]

Contact Ristance	100 mhom Max
Operate time	15 msec. Max
Release time	5 msec. Max
Dielectric Strength	
Between coil & contact	1500VAC 50/60Hz(1min)
Between contacts	1000VAC 50/60Hz(1min)
Insulation Resistance	100M ohm Min(500VDC)
Max. ON/OFF Switching	
Mechanically	300 ops/min
Electrically	30 ops/min
Operating Ambient temp	-30 to 70degrees
Operating Humidity	45 to 85% RH
Vibration	
Damage Limits	10 to 55Hz Double Amp.1.0mm
Operating Extremes	10 to 55Hz Double Amp.1.0.mm
Shock	
Damage Limits	100G
Operating Extremes	10G
Life Expectancy	
Mechanically	1,000,000 ops. Min(no load)
Electrically	100,000 ops. Min(at rated coil volt.)
Weight	Abt.12grs

### ◆ORDER INFORMATION



Model of relay	Nminal coil voltage	Structure	Coil sensitivity	Contact form
SRU	03,05,06,09,12,24VDC	S:Sealed type	L:0.36w	A: 1 form A
		F:Flux free type	D:0.45w	B: 1 form B
				C: 1 form C

# SONGLE RELAY

◆ OUT LINE DIMENSIONS [UNIT:mm] PCB LAYOUT[UNIT:mm] WIRING DIAGRAM

