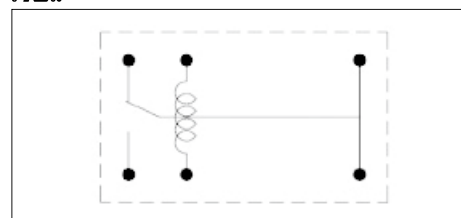


RSC Signal Relay

- 1 Form C
- Rated current: 2 A
- 200 mW sensitive coil
- Dielectric strength between coil & contact: 1,000 V AC
- Class F coil



RSC (1P)
1 Form C, 2 A



Technical parameters

Coil data		
Coil input voltage		3/5/6/9/12/24 V DC
Coil power		D Type: 360 mW, L Type: 200 mW
Response voltage		< 75% (Room temp.)
Drop out voltage		> 10% (Room temp.)
Operation time / Release time		Less than 6 ms / less than 3 ms
Contact data		
Contact numbers		1 Form C
Contact material		Ag alloy
Max. switching voltage		125 V AC
Max. switching power		125 VA
Contact ratings		1 A 125 V AC, 2 A 30 V DC
Contact resistance		Max. 100 mΩ (1 A / 6 V DC)
Mechanical service life		1×10 ⁷ times
Electrical Service life	AC1	1×10 ⁵ times
General data		
Rated withstand impulse voltage	Coil / Contact	1 kV AC / 1 min
	Between contacts	500 V AC / 1 min
Surge voltage		-
Insulation Resistance		1,000 MΩ (500 V DC)
Vibration		Malfunction 10~55 Hz (Amplitude 1.5 mm)
Shock		Malfunction 98 m/s ²
Ambient temperature (Operation)		-25~70 °C (No condensation)
Operating humidity		35~85%
Dimension L×W×H (mm)		15.5×10.6×12.0
Enclosure type		Flux-proof, sealed
Mounting		PCB
Weight (g)		3
Compliance certification number		cULus:E341569

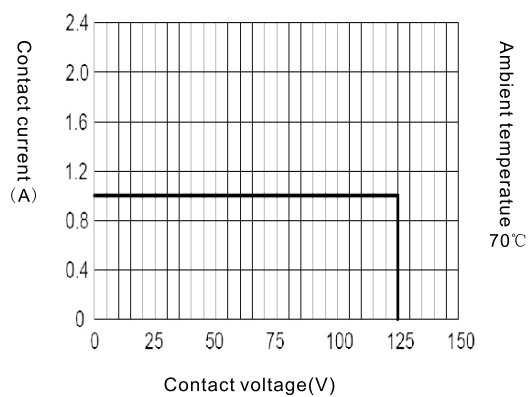
Type designation

Model designation	Number of poles	Coil voltage	Coil power	Contact configuration	Insulation class	Terminal pin position	Special request
RSC	-1	12	D	*	F	-A	-XXX
RSC	1: 1 pole	03: 3 V 05: 5 V 06: 6 V 09: 9 V 12: 12 V 24: 24 V	D: 360 mW L: 200 mW	Blank: Form C	Blank: Standard F: Class F	Blank: Standard A: Special version	

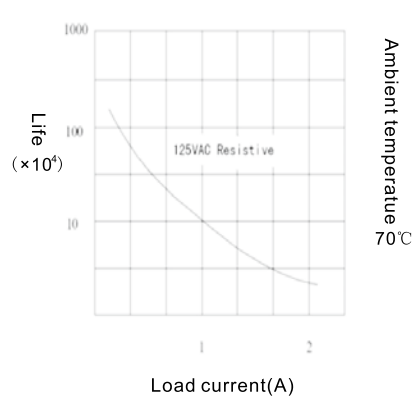
Coil rating									SSA approval rating		
Rated voltage (VDC)	Rated current (mA)		Coil resistance ($\Omega \pm 10\%$)		Operating power (mW)		Operating voltage (VDC)	Release voltage (VDC)	cULus		
	L type	D type	L type	D type	L type	D type			1A/125VAC (Resistive)	40 °C	100,000ops
3	66.7	120.0	45	25	200	360	≤ 2.25	≥ 0.30	2A/24VDC (Resistive)	40 °C	100,000ops
5	40.0	71.4	125	70	200	360	≤ 3.75	≥ 0.50			
6	33.3	60.0	180	100	200	360	≤ 4.50	≥ 0.60			
9	22.2	40.9	405	220	200	360	≤ 6.75	≥ 0.90			
12	16.7	30.0	720	400	200	360	≤ 9.00	≥ 1.20			
24	8.3	15.0	2,880	1,600	200	360	≤ 18.00	≥ 2.40			

MAX. allowable coil voltage: 130% of rated coil voltage (Room temperature)

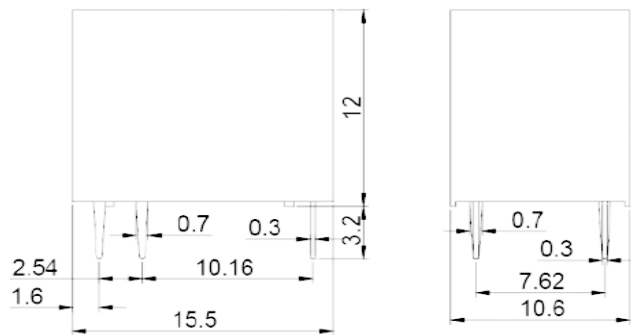
MAX.contact capacity



Life curve(Form A)



Outline dimensions



PCB board layout (Bottom view)

