

## FEATURES

- Small size (12.5x7.5x9.7mm) and light weight
- High Sensitive
- Washable type
- UL and CUL approved
- Using at Telecommunication, domestic appliances, etc



UL FILE NO.: E126167  
CUL FILE NO.: E126167

## ORDERING INFORMATION

RSY — 12  
1                                  2

1. Type
2. Coil Nominal Voltage

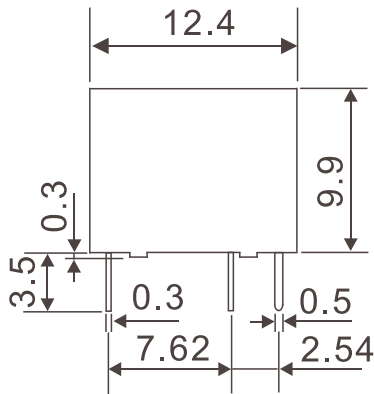
## CONTACT RATING

1 FORM C (1PDT)	Resistive (Cos.θ = 1)	AC 125V / 0.5A	DC 24V / 1A
		Max. Switch Current	1A

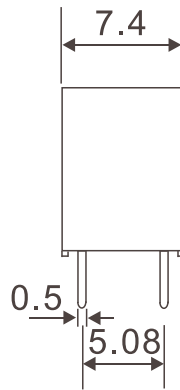
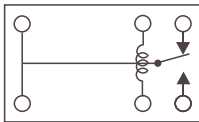
## COIL DATA(0.15W, at 25°C )

Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms )	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
3	60	50.0	2.4	0.3
5	167	30.0	4.0	0.5
6	240	25.0	4.8	0.6
9	540	16.6	7.2	0.9
12	960	12.5	9.6	1.2
24	3,840	6.25	19.2	2.4

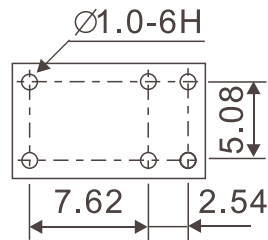
## DIMENSIONS(mm)



P.C.B LAYOUT  
(BOTTOM VIEW)



WIRING DIAGRAM  
(BOTTOM VIEW)



## GENERAL DATA

Insulation Resistance	1,000 M $\Omega$ Min. (DC 500V)
Dielectric Strength	400 VAC, 50/60Hz between contact.
	1,000 VAC, 50/60Hz between all elements.
Contact Material	Silver- Cadmium Oxide as standard.
Contact Resistance	100 milliohms max. ( initial value )
Shock Resistance	Malfunction: 10G(11ms) ; Destructive: 100G(6ms)
Vibration Resistance	Malfunction: 10 to 55 Hz. at Double Amplitude of 1.5 mm
	Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm
Operation Time	4 ms max.
Release Time	3 ms max.
Temperature Range	- 25°C ~ + 55°C
Expected Life	With operation rate 30/min.
	Mechanical - 1,000,000 operations min. Electrical - 100,000 operations min. at rated load.
Weight	2.2 grams