

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

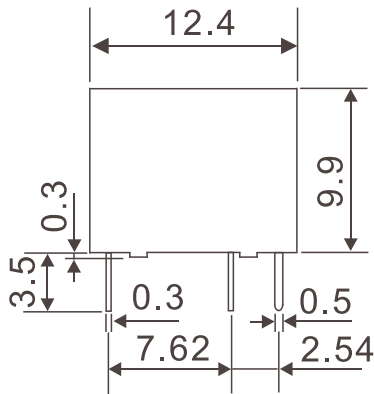
CONTACT RATING

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

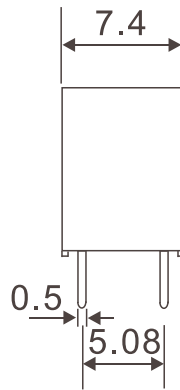
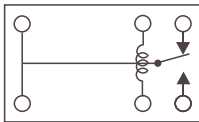
COIL DATA(0.15W, at 25°C)

| 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 |

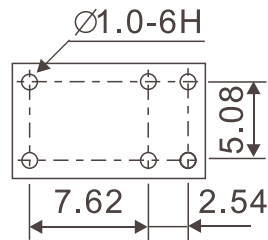
DIMENSIONS(mm)



P.C.B LAYOUT
(BOTTOM VIEW)



WIRING DIAGRAM
(BOTTOM VIEW)



GENERAL DATA

| | |
|-----------------------|---|
| Insulation Resistance | 1,000 M Ω 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 |