



## Schneider Electric Relays

200 N. Martingale Rd., Suite 1000

Schaumburg, IL 60173

Phone: 847-441-2540 • Fax: 847-881-0741

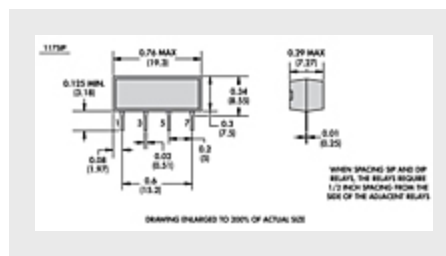
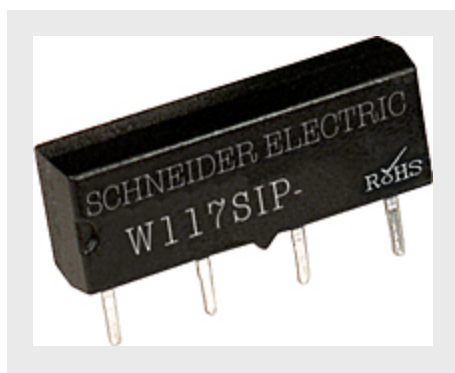
E-Mail: [relays@schneider-electric.com](mailto:relays@schneider-electric.com) • Web site: [www.serelays.com](http://www.serelays.com)

### ITEM # W117SIP-1, MINIATURE REED PCB RELAY / SPST-NO, 0.5 AMP RATED

Magnecraft SIPS and DIPs can withstand a lead-free solder re-flow process, making pin-thru-paste applications possible.

Designed for simple routing on PCB

Requires only 0.5 in. spacing from adjacent relays



[SPECIFICATIONS](#) | [CONTACT CHARACTERISTICS](#) | [COIL CHARACTERISTICS](#) | [PERFORMANCE CHARACTERISTICS](#) | [ENVIRONMENT](#) | [PRODUCT CERTIFICATIONS](#)

#### Specifications

##### Check Inventory

[Check Distributor Inventory](#)

##### Weight

0.04 oz  
1 g

##### California Proposition 65 Warning



**WARNING:** This product can expose you to chemicals including:

**Substance 1:** Lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

**Substance 2:** Nickel compounds, which is known to the State of California to cause cancer.

**Substance 3:** DIDP, which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

#### Contact Characteristics

##### Current Rating

0.50 A

##### Contact Configuration

SPST-NO

Contact Materials	Rhodium
Switching Voltage (AC)	120 VAC
Switching Voltage (DC)	200 VDC

Coil Characteristics	—
Coil Resistance (Ohms)	500 Ohm
Nominal Input Voltage	5 VDC
Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (DC / W)	0.29 W
Drop-out Voltage Threshold (DC)	10 %

Performance Characteristics	—
Electrical Life, Operations at Rated Current (Resistive)	50000000
Mechanical Life, Unpowered	100000000
Operating Time (Response Time)	0.45 ms
Dielectric Strength - Between Poles (AC)	150 V(rms) 500 V(rms)

Environment	—
Ambient Air Temperature around the Device - Storage	-40 to +85 °C
Ambient Air Temperature around the Device - Operation	-40 to +55 °C
Vibration Resistance - Operational	20 g-n at 10-200 Hz
Shock Resistance	50 g-n

Product Certifications	—
Agency Approvals	RoHS
Status	Standard

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[W117SIP-18](#) [W117SIP-22](#) [W117SIP-6](#) [W117SIP-3](#) [117SIP-6](#) [117SIP-3](#) [117SIP-1](#) [117SIP-18](#) [117SIP-22](#)