



Schneider Electric Relays

200 N. Martingale Rd., Suite 1000

Schaumburg, IL 60173

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

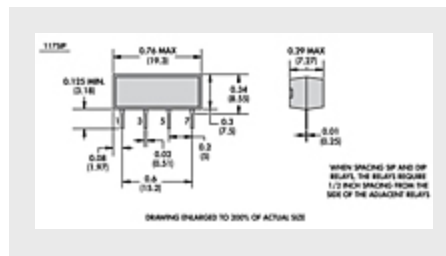
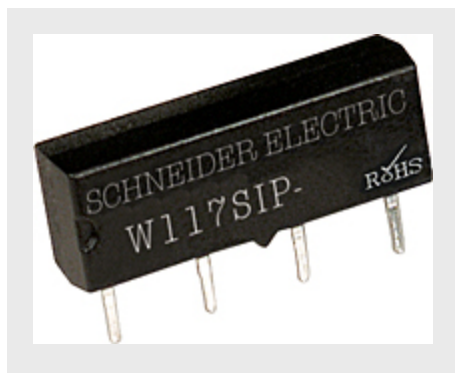
E-Mail: relays@schneider-electric.com • Web site: www.serelays.com

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

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
---------------	----------