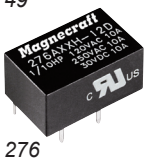
Magnecraft® PCB & Reed Relays

Built in small industry-standard packages, the Magnecraft line of printed circuit board (PCB) relays is ideal for a variety of applications.

Key Features

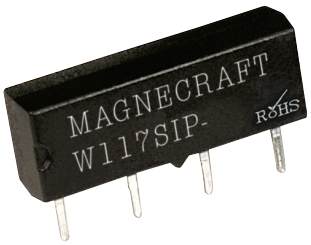
- Space-saving package design
- Single and double pole switching
- Ratings range from 0.25 to 20 A
- Sealed for wash-down process
- Wave solderable

Series	Style	Contact Configuration	Output Current Range (A)	Output Voltage Range	Minimum Switching Requirement (mA)	Response Time (ms)	Page
 *117SIP* **117SIP**	Miniature reed relay	SPST	0.25–0.35	120 Vac, 200 Vdc	10	0.45	**4**
 *107DIP* **107DIP**	Miniature reed relay	SPST	0.25–0.35	120 Vac, 100 Vdc	10	1	**7**
 *171DIP* **171DIP**	Miniature reed relay	SPST; DPST	0.25–0.35	60–120 Vac, 100 Vdc	10	1	**10**
 *172DIP* **172DIP**	Miniature reed relay	SPDT; DPDT	0.25–0.35	60 Vac, 100 Vdc	10	1	**13**
 *49* **49**	Electromechanical relay	SPDT	3–10	120–277 Vac, 28 Vdc	100	25	**16**
 *276* **276**	Electromechanical relay	SPST; SPDT	7–10	240 Vac, 30 Vdc	100	10	**19**
 *976* **976**	Electromechanical relay	SPST; DPDT	5–20	240 Vac, 30–48 Vdc	100	10	**22**

Magnecraft® PCB & Reed Relays

117SIP

SPST, 0.35 A (AC); 0.25 A (DC)



117SIP

Description

The 117SIP reed relays are uniquely designed in a standard style in-line package capable of switching up to 0.35 A (AC); 0.25 A (DC).

Feature	Benefit
Small size	Saves space on a PC board
High shock resistance (50 g-n)	Helps avoid damage in harsh conditions
Industry standard pin spacing	Designed for simple routing on PC board
Can withstand a lead-free solder reflow process	Meets industry standards
RoHS Compliant	Meets industry standards for RoHS compliant reflow processes

Rated Output Current	Contact Configuration	Input Voltage (Vdc)	Coil Resistance (Ω)	Wiring Diagram	Standard Part Number
0.35 A (AC); 0.25 A (DC)	SPST-NO	5	500	A	117SIP-1
		12	1000	A	117SIP-3
	SPST-NC	5	500	B	117SIP-22
	SPST-NO w/clamping diode	5	500	C	117SIP-6
	SPST-NC w/clamping diode	5	500	D	117SIP-18

Part Number Explanation

117 **SIP** - **23**

Series:
107
117
171
172

Type:
SIP = Single in-line pins
DIP = Dual in-line pins

Number:
Arbitrary