Magnecraft
191 Waukegan Rd, Ste 206
Northfield, IL 60093-2743
Phone: (847)441-2526
Fax: (847)441-2522
Email: relays@magnecraft.com

Item # W171DIP-2, Miniature Reed PCB Relay / SPST-NO, 0.5 Amp Rated

QUOTE

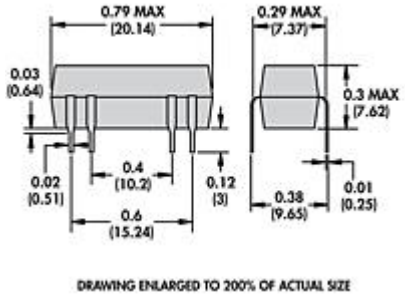
Miniature Reed PCB Relay / SPST-NO, 0.5 Amp Rated

Ò

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 0.5ÓÓ spacing from adjacent relays





DRAWING ENLARGED TO 200% OF ACTUAL SIZE

CONTACT CHARACTERISTICS · COIL CHARACTERISTICS · PERFORMANCE CHARACTERISTICS · ENVIRONMENT · PRODUCT CERTIFICATIONS

CONTACT CHARACTERISTICS

Current Rating	0.5 A
Contact Configuration	SPST-NO
Contact Materials	Rhodium
Switching Voltage (AC)	60 VAC
Switching Voltage (DC)	100 VDC

COIL CHARACTERISTICS

Coil Resistance	500 Ohm

Nominal Input Voltage	5 VDC
Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (DC)	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)	1 ms
Dielectric Strength - Between Poles (AC)	150 V(rms) 1000 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