

**Magnecraft**

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**Item # W172DIP-145, Miniature Reed PCB Relay / SPDT, 0.25 Amp Rated**

## QUOTE

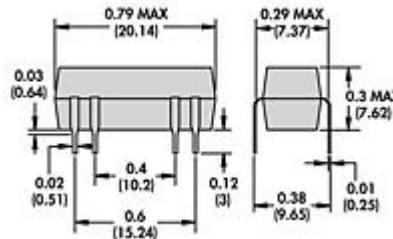
## Miniature Reed PCB Relay / SPDT, 0.25 Amp Rated

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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 0.500 spacing from adjacent relays



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

## CONTACT CHARACTERISTICS

Current Rating	0.25 A
Contact Configuration	SPDT
Contact Materials	Rhodium
Switching Voltage (AC)	60 VAC
Switching Voltage (DC)	100 VDC

## COIL CHARACTERISTICS

Coil Resistance	1000 Ohm
Nominal Input Voltage	12 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)	200 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
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