

Magnecraft

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Item # W172DIP-7, Miniature Reed PCB Relay / SPDT, 0.25 Amp Rated

[QUOTE](#)

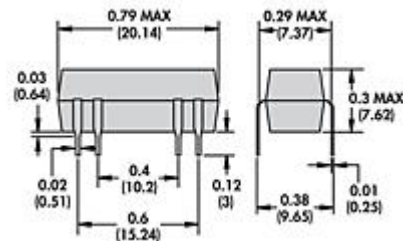
Miniature Reed PCB Relay / SPDT, 0.25 Amp Rated

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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 with Clamping Diode
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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