

Products for tomorrow...



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Description

Magnetically operated Reed
Sensors for direct pcb mounting

Features

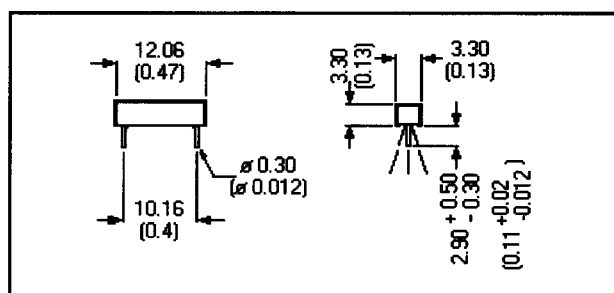
Magnetic pull-in/drop-out sensitivity
is divided into various AT ranges
2.54 mm (1 in) pcb pin to pin on center
distance, available with different distances

Applications

Telecommunications
Domestic appliances
Limit switch for low-power signals
Lifts/elevators

Ordering Information

MK6 - 4 X
Series Magnetic Sensitivity



Tolerance +/- 1.0 mm (0.004 in)
Other sizes available

All data at 20° C		Contact type Contact form	Contact 84			Units
			Standard			
			Form 1A			
Parameter	Conditions	Sym.	Min	Typ	Max	
Contact Operation						
Must operate condition	Steady state field (ranges available)					AT
Must release condition	Steady state field (ranges available)					AT
Contact Ratings						
Rated Power	DC/peak AC Resistive	W			1	Watts
Switching Voltage	DC/peak AC Resistive	V			100	Volts
Switching Current	DC/peak AC Resistive	A			0.5	Amps
Carry Current	DC/peak AC Resistive	A			0.5	Amps
Static Contact Res.	50 mV @ 10mA @ nom. volt.	CR			150	mΩ
Dynamic Contact Res.	0.5 V @ 50mA, 100 Hz and after 1.5 ms @ nom. volt.	DCR			200	mΩ
Dielectric Strength	Across contact		250			DCV
Capacitance	Across switch			0.2		pf
Operating time	Including bounce	Top			500	μs
Release time	No coil suppression	Trel			50	μs
Insulation Resistance	Across switch	IR	10 ¹⁰	10 ¹²		Ω
Contact material				Ru		
Environmental Ratings						
Operating temperature		To	-20		85	°C
Storage temperature		Ta	-35		85	°C
Shock	At 11 ms +/- 1 ms; 1/2 sine wave	S			150	Gs
Vibration	10 Hz to 2000 Hz	G			10	Gs