

Reed Switch

ORD324

Issue Date: Mar. 25, 2008

FEATURES

- ORD324 has iridium plated contacts having a high melting point and vickers hardness, which results in higher handling power and long life.
- Capable of high switching voltage 200Vdc
- Capable of electrical life 1×10^8 operations at 5Vdc-1mA
- The contacts are sealed within the glass tube with inert gas to maintain contact reliability.

APPLICATIONS

- Position sensors
- Rotating detectors
- Automotive electronic devices
- Household appliances

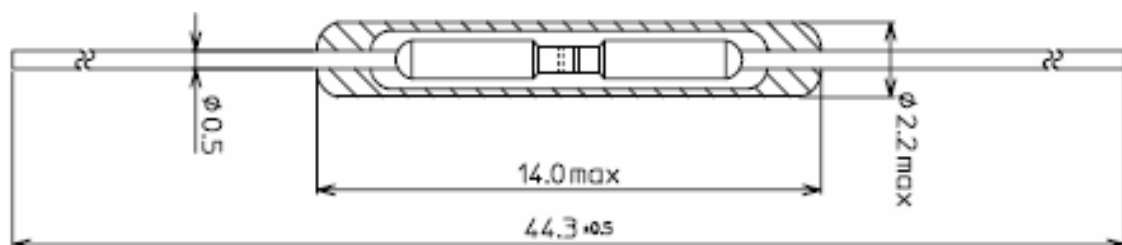
APPEARANCE



CHARACTERISTICS

Parameter	Value	Unit
Contact material / form	Iridium / 1A	unit
Pull-in Value (PI)	10 ~ 40	AT
Drop-out Value (DO)	5min	AT
Contact resistance (CR)	100max	m
Breakdown voltage	250min	Vdc
Insulation resistance	1×10^{10} min	
Electrostatic capacitance	0.3max	pF
Contact rating	10	W
Maximum switching voltage	200	Vdc
Maximum switching current	0.5	A
Maximum carry current	1.0	A
Operate time	0.4max	ms
Bounce time	0.3max	ms
Release time	0.05max	ms
Shock resistance	100G-6ms	-
Vibration resistance	50G (10 to 2kHz)	-
Operating temperature range	-40 to +125	
Life expectancy (5Vdc-1mA, Resistive load)	1×10^8	-

DIMENSIONS (Unit: mm)

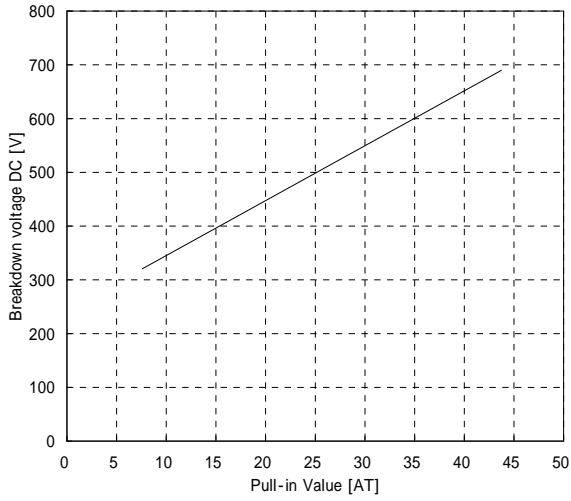


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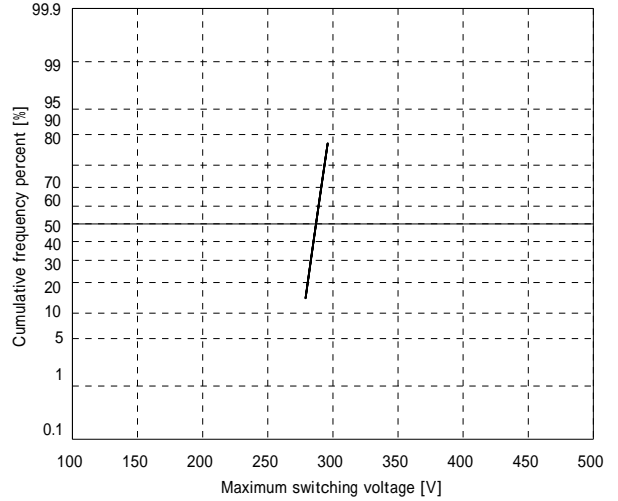
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Breakdown voltage



Maximum switching voltage



Life Test Result: 5Vdc-1mA

