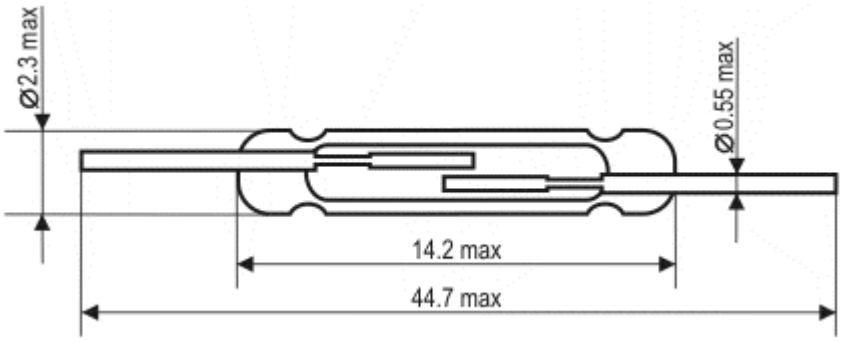

Specifications for MKA-14103

Contact material	Ru
Maximum switching power, W	10
Maximum switching voltage, V	100
Maximum switching current, A	0.5
Maximum carrying current, A	1.0
Pull in, AT	10-35
Drop out, AT min.	5
Contact resistance, Ohm max.	0.1
Breakdown voltage, V dc.	220 min 250 max
Insulation resistance, Ohm min.	10^{10}
Operate time, ms max.	1.0
Release time, ms max.	0.4
Capacitance, pF max.	0.7
Resonant frequency, Hz min.	4000
Operate temperature range, ^{0}C	-60 ~ +155
High humidity, % max.	98
Operation frequency, Hz max.	100
Test coil:	Number of turns 5000
	Resistance, Ohm 870
UL file#	E229065

Test modes:

- 5V-10mA-1x10^{8} operations min. at operation frequency of 100 Hz with failure rate 3.3x10^{-10} $oper^{-1}$. min., confidence level of 60%.
- 24V-400mA-5x10^{5} operations min. at operation frequency of 50 Hz with failure rate 6.7x10^{-8} $oper^{-1}$. min., confidence level of 60%.

These data are valid for a coil energized at 1.5 times stated max. operate value.

Shock

Reed switches are immune to mechanical shocks with peak shock acceleration of 150 g and impulse duration of 1ms.

Vibration

Reed switches are immune to sinusoidal vibration at 1-2000 Hz and acceleration amplitude of 20 g.