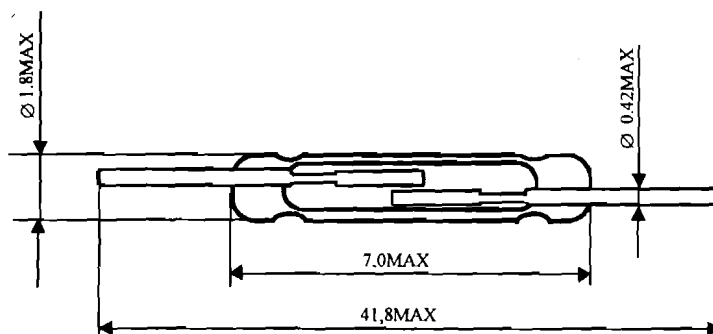


SPECIFICATIONS FOR SMKA-07101



CONTACT FORM	1A
CONTACT MATERIAL	Ru
MAXIMUM SWITCHING POWER, W	1
MAXIMUM SWITCHING VOLTAGE, V	24
MAXIMUM SWITCHING CURRENT, A	0,1
PULL IN, AT	7-35
DROP OUT, AT min.	4
CONTACT RESISTANCE, Ohm max.	0,2
BREAKDOWN VOLTAGE, V dc min.	150
INSULATION RESISTANCE, Ohm min.	$1 \cdot 10^9$
OPERATE TIME, ms max.	0,3
RELEASE TIME, ms max.	0,1
CAPACITANCE, pF max.	0,4
RESONANT FREQUENCY, Hz min.	12000
OPERATE TEMPERATURE RANGE, ° C	-60 +125
HIGH HUMIDITY at T=35° C, % max.	98
OPERATION FREQUENCY, Hz max.	400
Test coil:	
Number of turns	5000
Resistance, Ohm	580
UL file #	E229065

Coil energized 1.5 times each stated max. operate value.

Customized switches are available upon request:

- with close PI values;
- with cut, bent, flat leads;

Life expectancy and reliability

Test modes:

50mV-10mA- 5×10^7 operations min. at operation frequency of 100 Hz with failure rate $6,7 \times 10^{-10}$ oper⁻¹. min., confidence level of 60%.

5V-10mA- 2×10^7 operations min. at operation frequency of 100 Hz with failure rate $1,7 \times 10^{-9}$ oper⁻¹. min., confidence level of 60%.

Shock

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

Vibration

Reed switches are immune to sinusoidal vibration at 1-500 Hz and acceleration amplitude of 10 g.