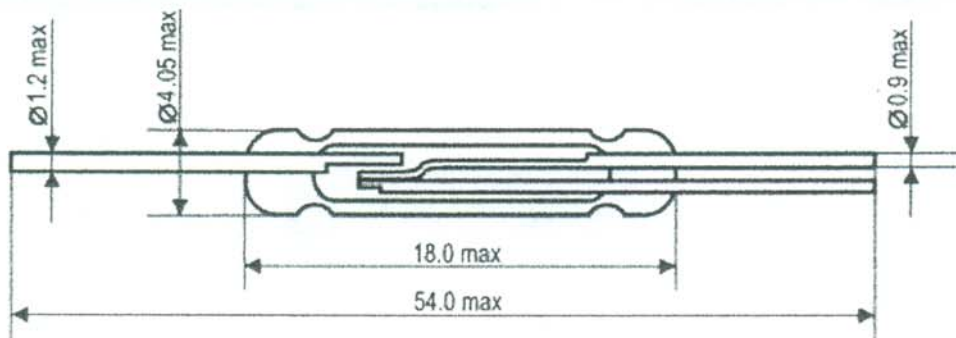


**Specifications for MKC-17103**


Contact form	1C
Contact position, mm	11,0
Contact material	Ru
Maximum switching power, W	30
Maximum switching voltage, V	127
Maximum switching current, A	1,0
Pull in, AT	30-100
Drop out, AT min.	11
Contact resistance, Ohm max.	0,15
Breakdown voltage, V dc min.	210 AT≤75 280 AT>75
Insulation resistance NC/NO, Ohm min.	5x10 <sup>8</sup> /1x10 <sup>9</sup>
Operate time, ms max.	1,5
Release time, ms max.	2,0
Capacitance NC/NO, pF max.	2,5/0,5
Resonant frequency, Hz min.	3600
Operate temperature range, °C	-60... +125
High humidity at T=35°C, % max.	98
Test coil:	Number of turns 5000 Resistance, Ohm 455

**Customized switches are available upon request:**

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

**Life expectancy and reliability**
**Test modes:**

- 50mV-5µA - 1\*10<sup>6</sup> operations min. at operation frequency of 50 Hz with failure rate 3,3\*10<sup>-8</sup> oper<sup>-1</sup>. min., confidence level of 60%.
- 30V-250mA - 5\*10<sup>5</sup> operations min. at operation frequency of 50 Hz with failure rate 6,7\*10<sup>-8</sup> oper<sup>-1</sup>. min., confidence level of 60%.
- 30V-1A - 1\*10<sup>3</sup> operations min. at operation frequency of 1 Hz with failure rate 3,3\*10<sup>-5</sup> oper<sup>-1</sup>. 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 1 ms.

**Vibration**

Reed switches are immune to sinusoidal vibration at 1-2000 Hz and acceleration amplitude of 10 g.