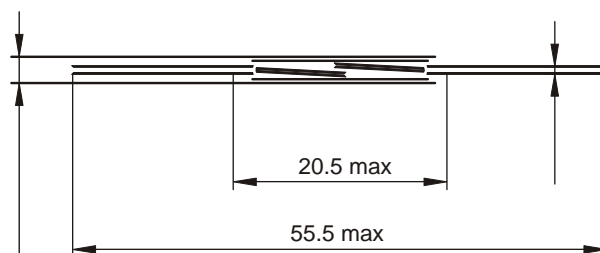


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## Miniature reed switch ZM-109/I

This product is in accordance with RoHs



all dimensions in mm

PARAMETERS	Unit	TYPE
		ZM-109/I
Contact form		normally open
Switching power	max W,VA	50
Switching current	max A	0.5
Carry current	max A	1.5
Switching voltage	max $V_{DC}$	250
Switching voltage	max $V_{AC}$	230
Pull-in Ampere turns	AT	20 ÷ 60
Breakdown voltage	min $V_{DC}$	400*
Contact resistance	max $m\Omega$	150
Operate time incl. bounce time	max ms	1
Release time	max ms	0.1
Capacitance	max pF	0.5
Insulation resistance	min $\Omega$	$10^9$
Environment category acc. to IEC 68-1		55/100/10
Operating life tested with resistive loads		
Load 1 100 $V_{DC}$ , 500 mA		$0.5 \times 10^6$ operations
Load 2 20 $V_{DC}$ , 500 mA		$3 \times 10^6$ operations
Load 3 5 $V_{DC}$ , 100 mA		$100 \times 10^6$ operations
Test coil		CP-14
- No. of turns		10000 $\phi$ 0.06
- Dimensions	mm	$\phi$ 4.2x19
- Resistance	$\Omega$	1400
		acc. Polish Standard PN-75/T-04400

\* Against inquiry: Breakdown voltage  $500V_{DC}$  for 40 ÷ 60 pull-in ampere turns.