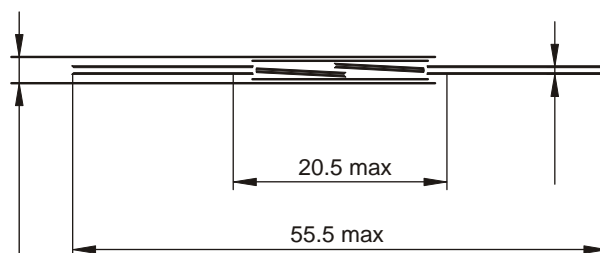


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Miniature reed switch ZM-109

This product is in accordance with RoHs



all dimensions in mm

PARAMETERS	Unit	TYPE
		ZM-109
Contact form		normally open
Switching power	max W,VA	12
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 Ω	10^9
Environment category acc. to IEC 68-1		55/100/10
Operating life tested with resistive loads		
Load 1 200 V_{DC} , 50 mA		3×10^6 operations
Load 2 20 V_{DC} , 500 mA		3×10^6 operations
Load 3 5 V_{DC} , 100 mA		100×10^6 operations
Test coil		CP-14
- No. of turns		10000 ϕ 0.06
- Dimensions	mm	ϕ 4.2x19
- Resistance	Ω	1400

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