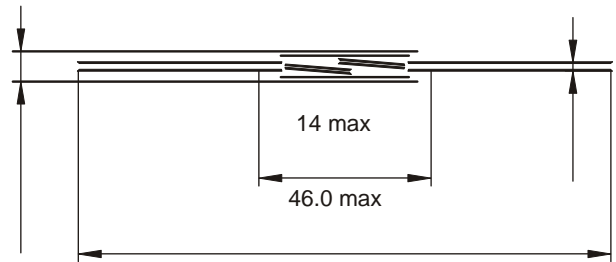


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**Miniature reed switch ZM-140/I**

This product is in accordance with RoHs



all dimensions in mm

PARAMETERS	Unit	TYPE		
		<b>ZM-140/I</b>		
Contact form		normally open		
Switching power	max W, VA	10		
Switching current	max A	0.5		
Carry current	max A	1	1.5	
Pull-in Ampere turns	AT	10 ÷ 15	15 ÷ 25	25 ÷ 30
Switching voltage	max V <sub>DC</sub>	50	100	150
Switching voltage	max V <sub>AC</sub>	50	80	110
Breakdown voltage	min V <sub>DC</sub>	100	200	250
Contact resistance	max mΩ	100		
Operate time incl. bounce time	max ms	1		
Release time	max ms	0.1		
Capacitance	max pF	0.5		
Insulation resistance	min Ω	10 <sup>9</sup>		
Environment category acc. to IEC 68-1		55/100/10		
Operating life tested with resistive loads				
Load 1 100 V <sub>DC</sub> , 10 mA		10x 10 <sup>6</sup> operations		
Load 2 20 V <sub>DC</sub> , 500 mA		1x 10 <sup>6</sup> operations		
Load 3 5 V <sub>DC</sub> , 100 μA		100x10 <sup>6</sup> operations		
Test coil		CP-14		
- No. of turns		10000 φ 0.06		
- Dimensions	mm	φ 4.2x19		
- Resistance	Ω	1400		
		acc. Polish Standard PN-75/T-04400		