

JIN ZON ENTERPRISE CO., LTD.

4F-3, No. 171, Sec. 2, Chang An E. Rd.,
 Taipei, Taiwan, R. O. C.
 TEL: 886-2-27111093~5
 FAX: 886-2-27310902
 E-mail: jinzon@ms2.hinet.net
 Http:// www.jinzon.com.tw/

HV reed relays K-551B, K-552B form B contact (normally closed) for PCBs

This product is in accordance with RoHs

PARAMETERS	Unit	TYPE		
		K-551B	K-552B	K-553B

1. CONTACT PARAMETERS

Switching power	max	W, VA	50		
Breakdown voltage	min	kV _{DC}	7	10	14
Switching voltage (DC or AC PEAK)	max	kV	5	7,5	10
Switching current	max	A	2		1
Initial contact resistance	max	mΩ	150		
Life expectancy			operations		
Load 1	5 kV _{DC} ,	1 mA	0,5x10 ⁶		
Load 2	7,5 kV _{DC} ,	1 mA		0,5x10 ⁶	
Load 3	10 kV _{DC} ,	1 mA			0,5x10 ⁶

2. COIL PARAMETERS

			Min	Nom	Max
Coil voltage*	V _{DC}			12/24	16/30
Pull-in voltage	V _{DC}		2/4		9/18
Drop-out voltage	V _{DC}		1,9/3,9		8,9/17,9
Coil resistance	±10%	Ω	225/900	250/1000	275/1100

3. RELAY PARAMETERS

Insulation resistance (at 1000V _{DC})	min	Ω	10 ¹¹		
Operate time	max	ms	2,6		
Release time including bounces	max	ms	3,6		
Breakdown voltage coil-contact	min	kV _{DC}	15		25
Environment category acc. to IEC 68-2-1÷3			40/85/21		

4. DIMENSIONS AND TERMINAL ARRANGEMENTS

