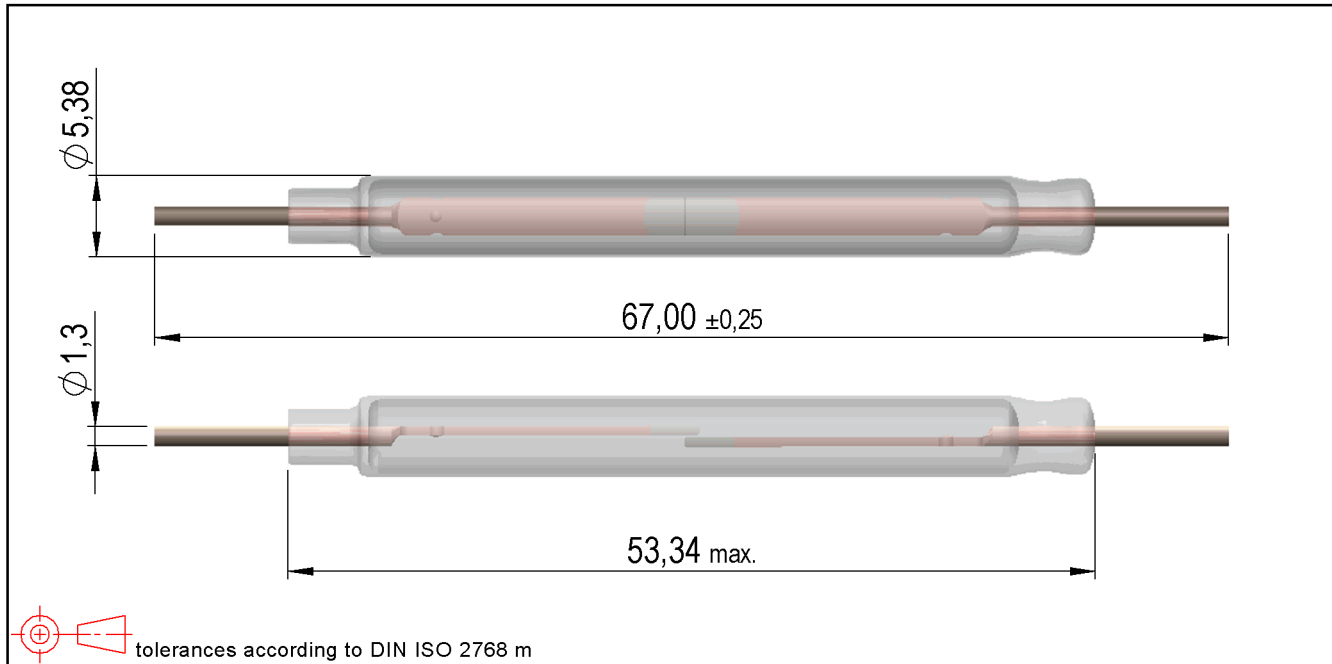


Products for tomorrow...



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	100		180	AT
Test-Coil	Reed switch unmodified	KMS-05			

Contact data 54	Conditions	Min	Typ	Max	Unit
Contact-No.		54			
Contact-form		A			
Contact-material		Rh/Cu			
Switching suitability		RF applications			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			25	W
Switching voltage	DC or Peak AC			500	V
Switching current	DC or Peak AC			1,5	A
Carry current	DC or Peak AC			5	A
Carry current	Arms at 30 MHz			5	
RF Carry Current				6	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Switching current	Arms at 30 MHz			1,5	
Contact resistance static	Measured with nominal voltage at 20 °C			30	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	5.000			VDC
Operate time incl. bounce	measured with 40% overdrive			3	ms
Release time	measured with no coil excitation			1,5	ms
Operate time incl. bounce	Measured with nominal voltage at 20 °C			3,5	ms
Capacity	@ 10 kHz across open switch		2,5		pF

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-40		130	°C
Storage temperature		-55		130	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C

Modifications in the sense of technical progress are reserved

Designed at: 12.02.09 Designed by: AKELLER
 Last Change at: 16.04.09 Last Change by: AKELLER

Approval at: 20.02.09 Approval by: RKAMP
 Approval at: 21.04.09 Approval by: RKAMP

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