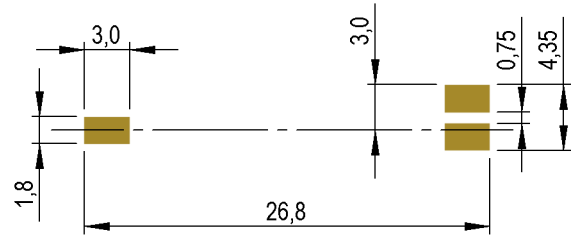
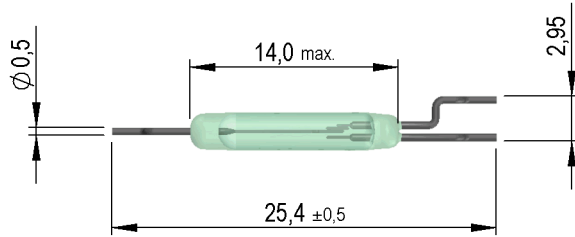


**Recommended Pad Layout (mm)**



tolerances according to DIN ISO 2768 m

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (modified contact)	Reed switch modified phys. conditioned tolerance of +/- 1 AT	23		35	AT
Test-Coil	Reed switch modified	KMS-21			
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	3,1		3,8	mT

Contact data 90	Conditions	Min	Typ	Max	Unit
Contact-No.				90	
Contact-form				C	
Contact-material				Rhodium	
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC/ with 40% overdrive			175	V
Switching current	DC or Peak AC/with 40% overdrive			0,5	A
Carry current	DC or Peak AC/ with 40% overdrive			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			250	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to IEC 255-5	200			VDC
Operate time, incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		1		pF

Modified dimensions	Conditions	Min	Typ	Max	Unit
Remarks		to dimensions see drawing			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-40		130	°C
Storage temperature		-55		130	°C
Soldering Temperature Tsold	Reflow according IPC/JEDEC J-STD-020C			260	°C

Modifications in the sense of technical progress are reserved

Designed at: 02.03.09 Designed by: AKELLER  
 Last Change at: 27.10.10 Last Change by: AKELLER

Approval at: 03.03.09 Approval by: RKAMP  
 Approval at: 27.10.10 Approval by: RKAMP

Version: 06

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