



tolerances according to DIN ISO 2768 m

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	25		30	AT
Test-Coil	Reed switch unmodified	KMS-01			

Contact data 80/1	Conditions	Min	Typ	Max	Unit
Contact-No.		80/1			
Contact-form		A			
Contact-material		Iridium			
Contact rating	Any DC combination of V & A			10	W
Switching voltage	DC or Peak AC			170	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive			200	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation			250	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to IEC 255-5	250			VDC
Operate time incl. bounce	measured with 40% overdrive			0,6	ms
Release	measured with no coil excitation			0,05	ms
Capacity	@ 10 kHz across open switch		0,4		pF

Contact dimensions C	Conditions	Min	Typ	Max	Unit
Glass body length	Tolerance according to drawing		7		mm

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
Operating temperature		-40		130	°C
Storage temperature		-55		130	°C
Soldering temperature	wave soldering max. 5 sec			260	°C