



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"	15		20	AT
Test-Coil	Reed switch unmodified	KMS-02			

Contact data 35	Conditions	Min	Typ	Max	Unit
Contact - No.		35			
Contact-form		A - NO			
Contact-material		Ruthenium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			20	W
Switching voltage (> 9 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			1,5	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
Insulation resistance	RH <45 %, 100 V test voltage	1.000			GOhm
Breakdown voltage (10-30 AT)	according to IEC 255-5	220			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Contact dimensions	Conditions	Min	Typ	Max	Unit
Overall length	Tolerance $\pm 0,5$ / or according to drawi		34,5		mm
Glass body length	Tolerance $\pm 0,3$ / or according to drawi		10,5		mm

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