



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	50		60	AT
Test-Coil	Reed switch unmodified	KMS-01			

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact-No.		85			
Contact-form		A			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1,000	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC 100% Duty Cycle			2.5	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (50-55 AT)	according to IEC 255-5	3,500			VDC
Operate time incl. bounce	measured with 40% overdrive			1.1	ms
Release time	measured with no coil excitation			0.1	ms
Capacity			0.5		pF

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