



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	20		25	AT
Test-Coil	Reed switch unmodified	KMS-01			

Contact data 35/1	Conditions	Min	Typ	Max	Unit
Contact - No.		35/1			
Contact-form		A			
Contact-material		Ruthenium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			1.000	V
Switching current	DC or Peak AC			0,7	A
Carry current	DC or Peak AC			1,25	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
Contact resistance dynamic	Difference value 1,5 ms after excitation			20	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to EN 60255-5	1.500			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,2	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Reach / RoHS conformity		yes			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			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: 16.10.09 Designed by: AKELLER
 Last Change at: 03.12.13 Last Change by: AWEBER

Approval at: 03.03.10 Approval by: RKAMP
 Approval at: 03.12.13 Approval by: AWEBER

Version: 10