



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	15		20	AT
Test equipment	Testing 100%	KMS-01			

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact-No.		66			
Contact-form		A			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<21 AT)	DC or Peak AC			180	V
Switching current	DC or Peak AC			0,5	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
Insulation resistance	RH <45 %, 100 VDC test voltage	10			GOhm
Breakdown voltage (<21 AT)	according to IEC 255-5	200			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		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 Tsold	Reflow according IPC/JEDEC J-STD-0			260	°C

General data	Conditions	Min	Typ	Max	Unit
Total weight			0,123		g
Packaging		Carton 1000 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 09.05.03 Designed by: SCHELLHORN Approval at: 16.10.08 Approval by: RKAMP
 Last Change at: 14.07.11 Last Change by: KSTOPPEL Approval at: 15.07.11 Approval by: RKAMP

Version: 4