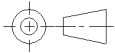
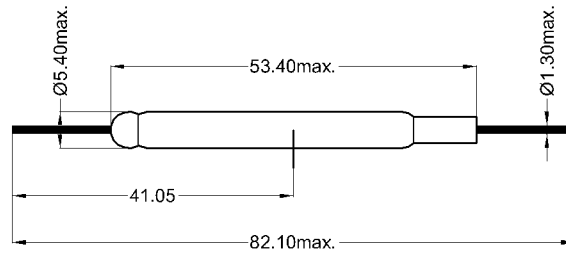


*Products for tomorrow...*

## Preliminary Datasheet



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	80		90	AT
Test-Coil	Reed switch unmodified	KMS-05			

Contact data 54	Conditions	Min	Typ	Max	Unit
Contact-No.		54			
Contact-form		A			
Contact-material		Rh/Cu			
Switching suitability		RF applications			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			25	W
Switching voltage	DC or Peak AC			500	V
Switching current	DC or Peak AC			1,5	A
Carry current	DC or Peak AC			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	10			GOhm
Breakdown voltage	according to IEC 255-5	5.000			VDC
Operate time incl. bounce	measured with 40% overdrive			3	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		2,5		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.				

Modifications in the sense of technical progress are reserved

Designed at: 21.05.03 Designed by: SCHELLHORN  
 Last Change at: 14.03.06 Last Change by: RKAMP

Approval at: Approval by:  
 Approval at: Approval by:

Version: 03