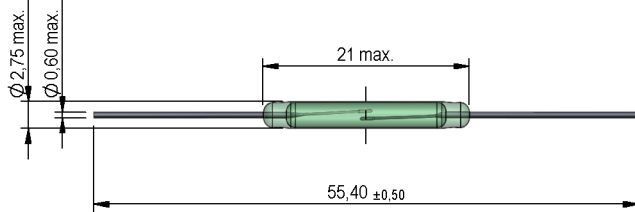


Products for tomorrow...

Dimensions mm[inch]
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m



Isometric
 Scale 1:1
 Maßstab 1:1



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	40		50	AT
Test equipment	Testing 100%	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
Pulsed carry current	DC or Peak AC 5ms after coil excitation for 50ms max.			3	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation			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 (40-50 AT)	according to IEC 255-5	3.000			VDC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil suppression			0,1	ms
Capacitance	@ 10 kHz across open switch		0,5		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: 01.12.11 Designed by: WKOVACS Approval at: 05.12.11 Approval by: RKAMP
 Last Change at: Last Change by: Approval at: Approval by:

Version: 01