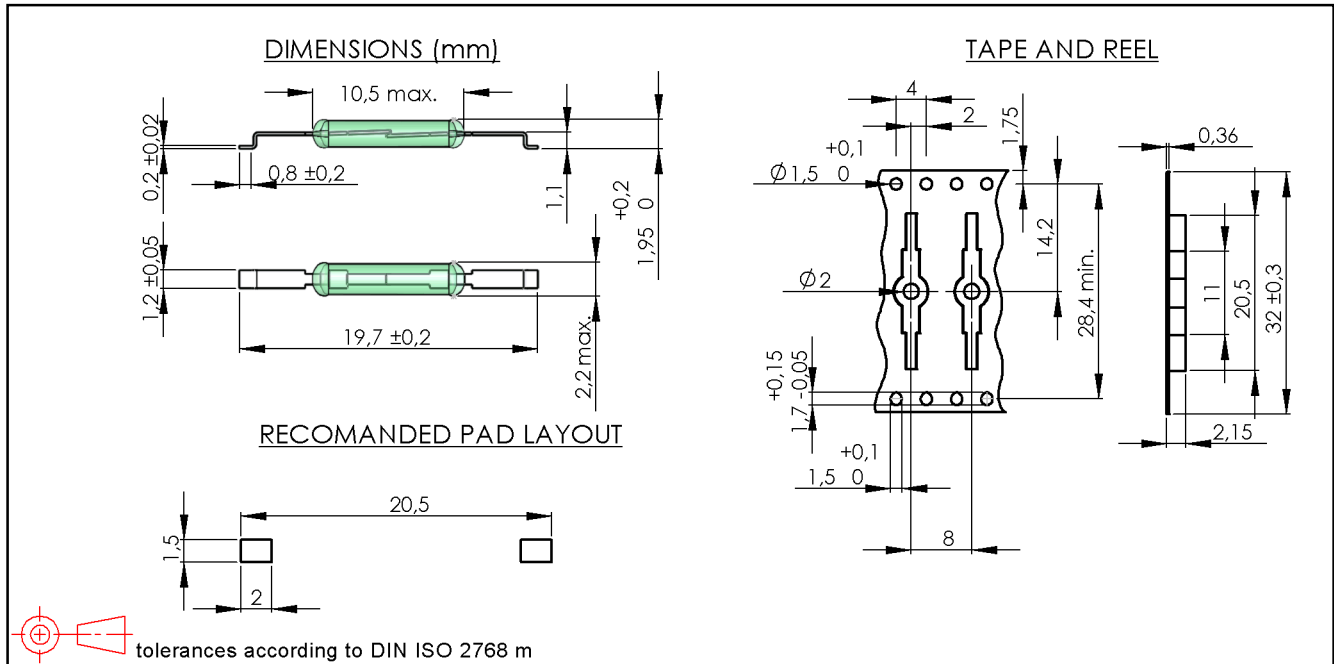


*Products for tomorrow...*

## Preliminary Datasheet



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	15		20	AT
Test-Coil	Reed switch unmodified	KMS-02			
Pull-In	at 20 °C	47		73	
Test equipment		KMS-11			
Pull-In in milliTesla (modified conta)	MS150 - phys. caused tolerance +/- 0,1mT	1,9		3,1	mT
Test equipment		MS-150			

Contact data 35	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			20	W
Switching voltage (> 9 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			1	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
Breakdown voltage (10-30 AT)	according to IEC 255-5	220			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
RoHS conformity			yes		

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			30	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		130	°C
Storage temperature		-55		130	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Customer / Customer number			Motorola		

Modifications in the sense of technical progress are reserved

Designed at: 19.10.09 Designed by: RPYPEC  
 Last Change at: 15.12.09 Last Change by: NMIHAI

Approval at: 26.10.09 Approval by: TLANE  
 Approval at: Approval by:

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