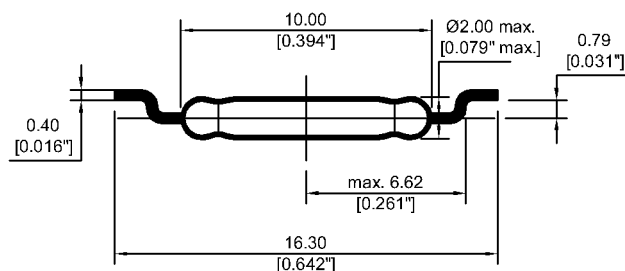
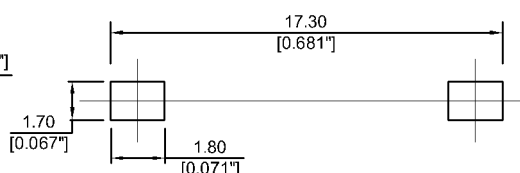


DIMENSIONS (mm)

Unspecified Tolerances +/- 0.25mm


Recommended Pad Layout (mm)

Unspecified Tolerances +/- 0.25mm



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	10		15	AT
Test-Coil	Reed switch unmodified	KMS-01			
Pull-In excitation (modified contact)	Reed switch modified phys. conditioned tolerance of +/- 1 AT	18		28	AT
Test-Coil	Reed switch modified	KMS-22			
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	1,15		1,81	mT

Contact data 87	Conditions	Min	Typ	Max	Unit
Contact-No.			87		
Contact-form			A		
Contact-material	Plating thicknesses are proprietary		Rhodium		
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,4	A
Carry current	DC or Peak AC			0,5	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 %, 100V - to all points	1			GOhm
Breakdown voltage	according to IEC 255-5	230			VDC
Operate time incl. bounce	measured with 40% overdrive			0,6	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		pF

Contact dimensions	C	Conditions	Min	Typ	Max	Unit
Glass body length		Tolerance according to drawing		10		mm

Modified dimensions	Conditions	Min	Typ	Max	Unit
Remarks		to dimensions see drawing			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g



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Item No.:

9232871015

Item:

MK23-87-B-4

Environmental data	Conditions	Min	Typ	Max	Unit
Ambient 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: 14.07.08 Designed by: AKELLER

Last Change at: 11.05.09 Last Change by: AKELLER

Approval at: 17.02.11

Approval at:

Approval by: RKAMP

Approval by:

Version: 04

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