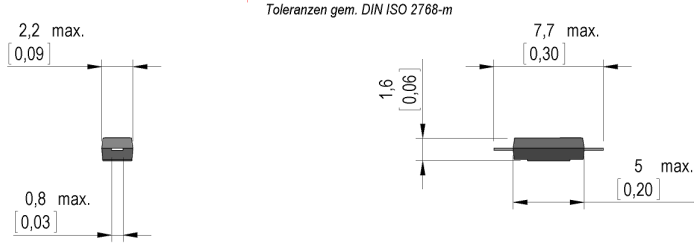
MEDER electronic
Products for tomorrow...

Europe: +49 / 7731 8399 0 | Email: info@meder.com
USA: +1 / 508 295 0771 | Email: salesusa@meder.com
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
9240000010
Item:
MK24-A-1

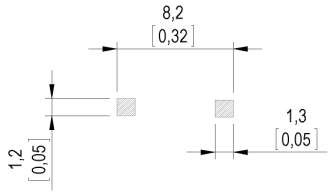
Dimensions mm[inch]

tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



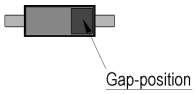
Isometric
Scale 2:1
Maßstab 2:1

Recommended Pad Layout



Schematic

Marking



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (modified contact)	Reed switch modified phys. conditioned tolerance of +/- 1 AT	22		55	AT
Test equipment	Testing 100%		KMS11+AP66		
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	1,8		4,5	mT

Contact data 04	Conditions	Min	Typ	Max	Unit
Contact rating (< 10 AT)	Any DC combination of V & A not to exceed their individual max.'s			1	W
Switching voltage	DC or Peak AC			30	V
Switching current (< 10 AT)	DC or Peak AC			0,1	A
Carry current (< 10 AT)	DC or Peak AC			0,3	A
Contact resistance static(<10AT)	Measured with 40% overdrive Start value			250	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (< 10 AT)	according to IEC 255-5	60			VDC
Operate time incl. bounce (<10AT)	measured with 40% overdrive			0,25	ms
Release time	measured with no coil excitation			0,15	ms
Capacity	@ 10 kHz across open switch		0,1		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			15	g
Vibration	from 10 - 2000 Hz			10	g
Operating temperature		-40		130	°C
Storage temperature		-55		130	°C
Soldering Temperature Tsold	Reflow according IPC/JEDEC J-STD-0			260	°C
Washability			fully sealed		

General data	Conditions	Min	Typ	Max	Unit
Remark			Pick & place force should not exceed 25cN!		
Packaging			T&R per 2000 pcs. / Tray H20		