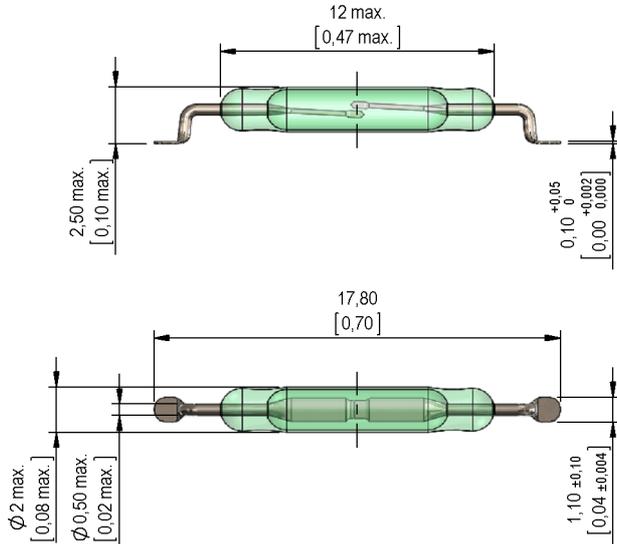
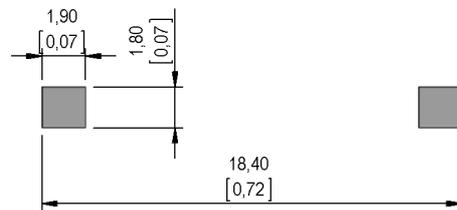


**Dimensions mm[inch]**  
tolerances according to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m

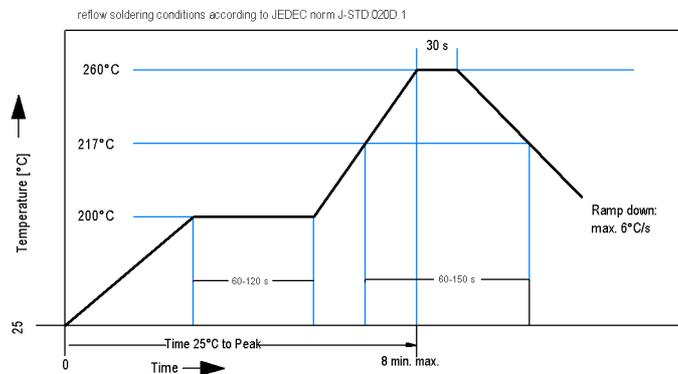
**Isometric**  
Scale 2:1  
Maßstab 2:1



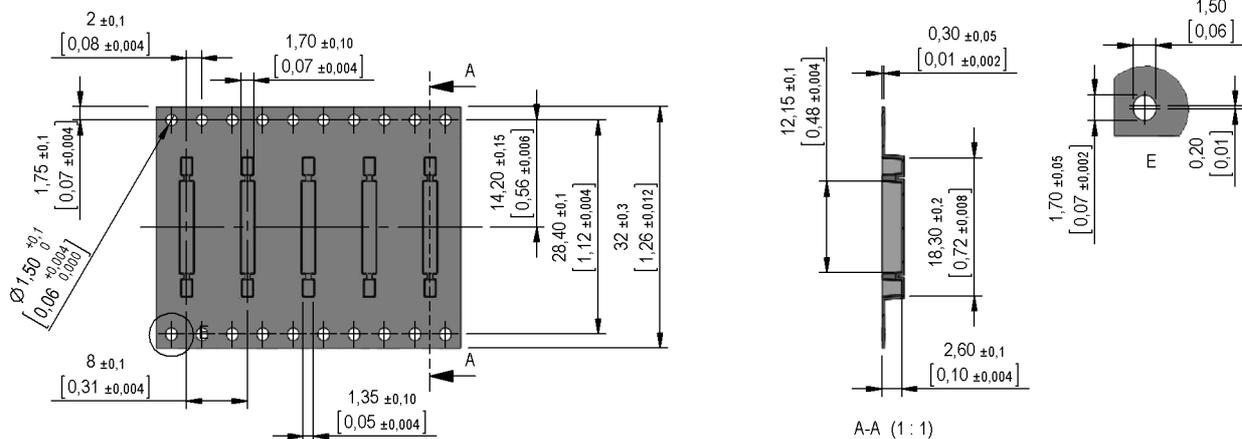
**Recommended PCB Pad Layout**



**Solder Reflow Profile**



**Packaging**



Modifications in the sense of technical progress are reserved

Designed at: 03.12.09 Designed by: AKELLER  
Last Change at: 09.08.13 Last Change by: WKOVACS

Approval at: 09.08.13 Approval by: SSSCHNECKENBURGER  
Approval at: 19.08.13 Approval by: DKUECHLER

Version: 04



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.:  
**9231461520**  
 Item:  
**MK23-46-C-2**

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	15		20	AT
Test equipment	Testing 100%	KMS-01			

Contact data 46	Conditions	Min	Typ	Max	Unit
Contact-No.		46			
Contact-form		A			
Contact-material		Rhodium			
Contact rating	combination of switching voltage and current not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	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	1.000			GOhm
Breakdown voltage	according to IEC 255-5	225			VDC
Operate time incl. bounce	measured with 40% overdrive			0,7	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
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 Tsold	Reflow according IPC/JEDEC J-STD-020C			260	°C

General data	Conditions	Min	Typ	Max	Unit
Total weight			0,068		g
Packaging		Tape & Reel 2500 pcs.			

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 Last Change at: 09.08.13 Last Change by: WKOVACS Approval at: 19.08.13 Approval by: DKUECHLER Version: 04