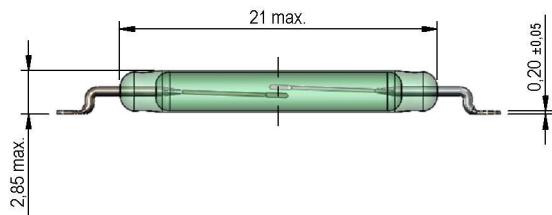


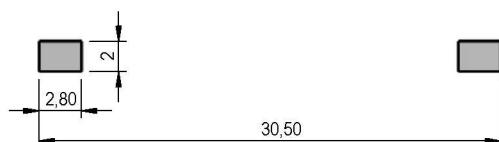
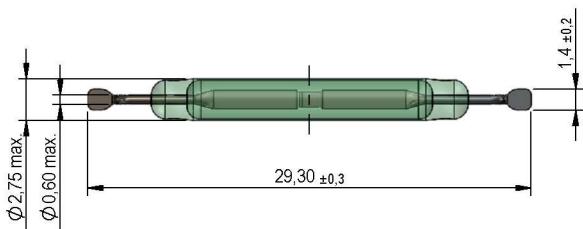
**Dimensions mm[inch]**  
 tolerances according to DIN ISO 2768-m  
*Toleranzen gem. DIN ISO 2768-m*



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

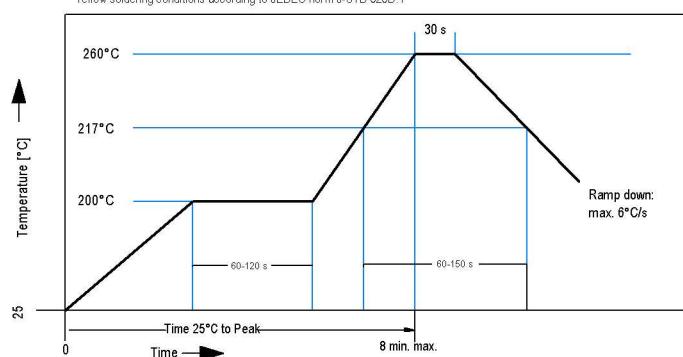


**Recommended PCB Pad Layout**

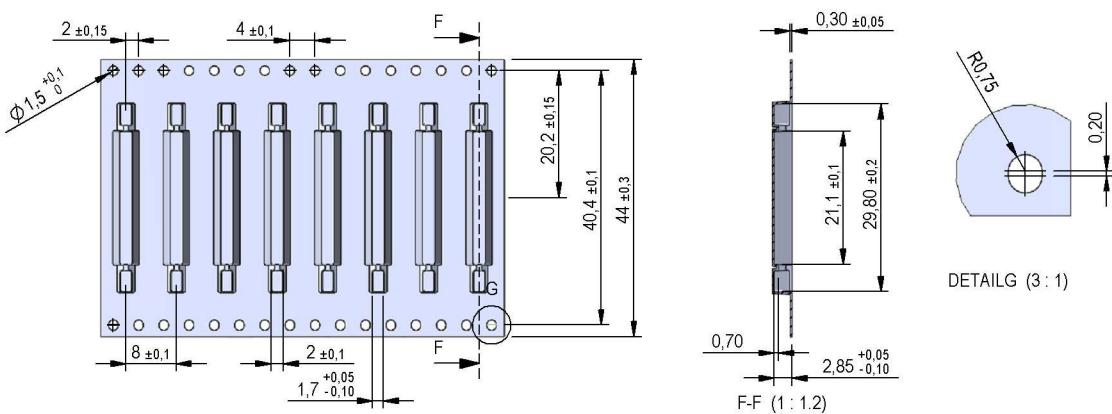


**Solder Reflow Profile**

Reflow soldering conditions according to JEDEC norm J-STD-020D.1



**Packaging**



Modifications in the sense of technical progress are reserved

Designed at: 24.04.09 Designed by: AKELLER  
 Last Change at: 14.08.13 Last Change by: WKOVACS

Approval at: 27.04.09 Approval by: RKAMP  
 Approval at: 15.11.13 Approval by: AWEBER

Version: 06



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Item No.:  
**9231852025**  
 Item:  
**MK23-85-D-2**

<b>Magnetic properties</b>		<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Pull-In excitation (Reference value)		Reed switch unmodified measured in coil- "define operation"	20		25	AT
Test-Coil		Reed switch unmodified			KMS-01	
Pull-In excitation (modified contact)		Reed switch modified phys. conditioned tolerance of +/- 1 AT	28		41	AT
Test-Coil		Reed switch modified			KMS-21	
Pull-In in milliTesla (modified conta		MS150 - phys. caused tolerance +/- 0,1mT	1,1		1,4	mT

<b>Contact Data 85</b>		<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
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
Insulation resistance	RH <45 %, 100 V test voltage	10				GOhm
Breakdown voltage (20-30 AT)	according to IEC 255-5	2.300				VDC
Operate time incl. bounce	measured with 40% overdrive				1,1	ms
Release time	measured with no coil excitation				0,1	ms
Capacitance	@ 10 kHz across open switch		0,5			pF

<b>Environmental data</b>		<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Shock	1/2 sine wave duration 11ms				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

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# AMEYA360

Components Supply Platform

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