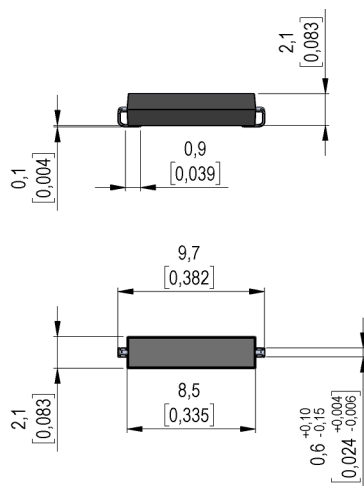


Dimensions mm[inch]
tolerances according to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



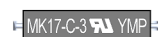
Isometric

Scale 2:1
Maßstab 2:1

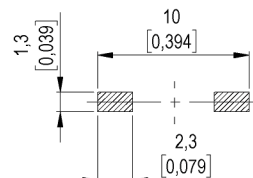


Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte

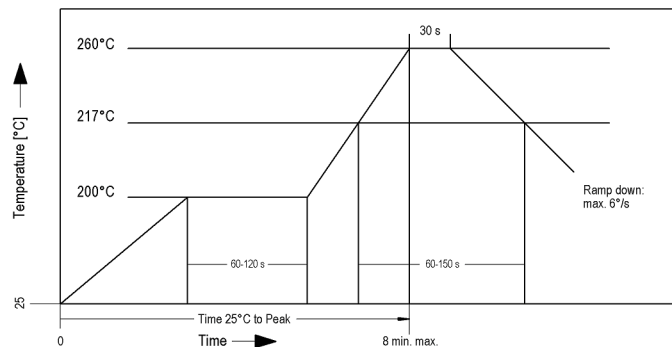


Recommended PCB Pad Layout

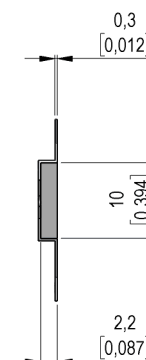
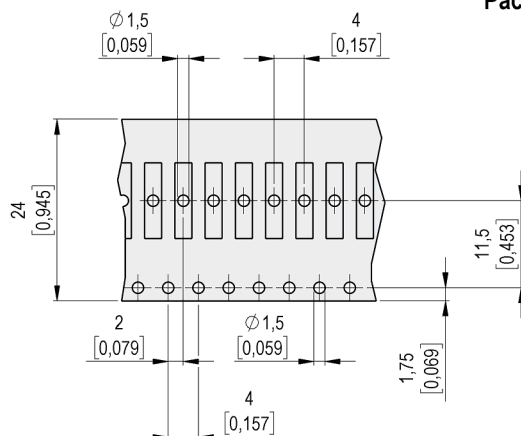


Solder Reflow Profile

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



Packaging





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Item No.:

9171000033

Item:

MK17-C-3

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	38		54	
Test equipment		KMS-11			
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	2,3		3	mT
Test equipment		MS-150			

Contact data 80	Conditions	Min	Typ	Max	Unit
Contact-material		Rhodium			
Contact-rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			100	V
Carry current	DC or Peak AC			0,5	A
Switching current	DC or Peak AC			0,5	A
Contact resistance static	Measured with 40% overdrive Start Value			250	mOhm
Breakdown voltage	according to IEC 255-5	150			VDC

Special product data	Conditions	Min	Typ	Max	Unit
Housing material		epoxy resin			
RoHS conformity		yes			
Material		EN 60335-1 conform			

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		-40		130	°C
Storage temperature		-50		130	°C
Soldering temperature	wave soldering max. 5 sec.	250	260	280	°C
Soldering Temperature Tsold	Reflow acc.IPC/JEDEC J-STD-020D.1			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 11.11.08 Designed by: THAUKE

Approval at: 11.11.08 Approval by: JHEYDER

Last Change at: 01.11.23 Last Change by: THAUKE

Approval at: 03.11.23 Approval by: MREIZNER

Rev. No.: 6