Standex MEDER ELECTRONICS

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Item No.:
9171800023
Item:
MK17-C-2

Dimensions mm[inch]

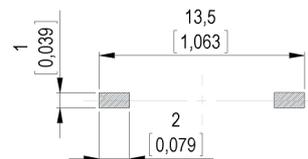tolerances according to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m

12,30 ±0,20
[0,484 ±0,008]

2,10
[0,083]

0,10 +0,05 -0,10
[0,004 +0,002 -0,004]

8,50
[0,335]

2,10
[0,083]

0,50
[0,020]

0,90
[0,035]
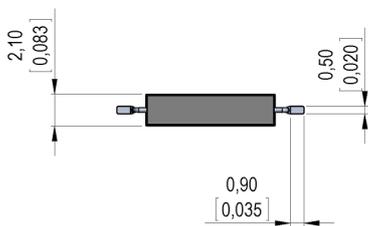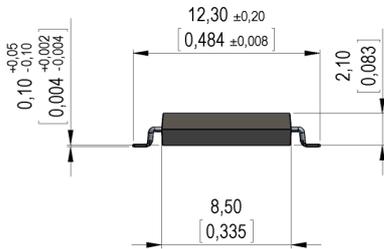
Isometric

Scale 2:1
Maßstab 2:1

Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte

C   YW

Recommended PCB Pad Layout
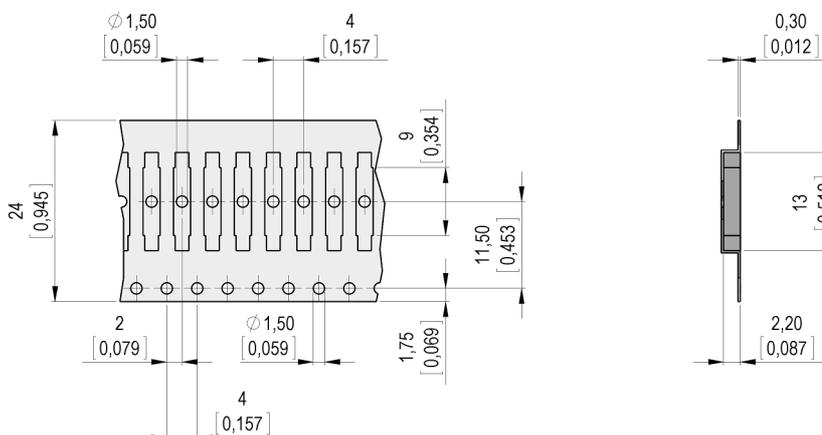
13,5
[1,063]

1
[0,039]

2
[0,079]

Solder Reflow Profile

reflow soldering conditions according to JEDEC norm J-STD 020D.1
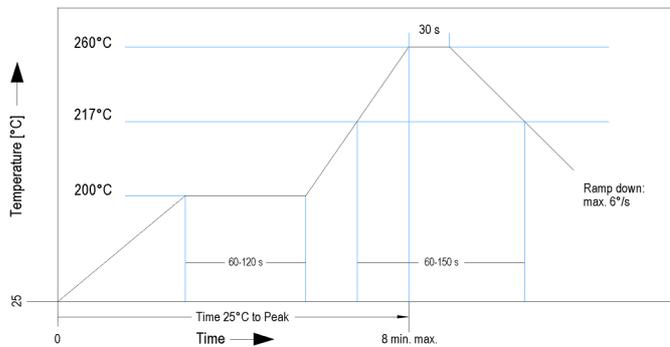
260°C — 30 s
217°C
200°C
Temperature [°C]
Ramp down: max. 6°/s
60-120 s
60-150 s
25
Time 25°C to Peak
0   Time   8 min. max.

Packaging

Ø 1,50
[0,059]

4
[0,157]

9
[0,354]

24
[0,945]

11,50
[0,453]

2
[0,079]

Ø 1,50
[0,059]

1,75
[0,069]

4
[0,157]

0,30
[0,012]

13
[0,512]

2,20
[0,087]

Designed at:	11.10.08	Designed by:	THAUKE	Approval at:	11.11.08	Approval by:	JHEYDER	
Last Change at:	13.12.13	Last Change by:	THAUKE	Approval at:	16.12.13	Approval by:	AWEBER	**Version:** 12

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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		
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 Tsold	Reflow acc.IPC/JEDEC J-STD-020D.1			260	°C
Washability			fully sealed		

Modifications in the sense of technical progress are reserved

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Last Change at:	13.12.13	Last Change by:	THAUKE	Approval at:	16.12.13	Approval by:	AWEBER	Version:	12

Mouser Electronics

Authorized Distributor

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