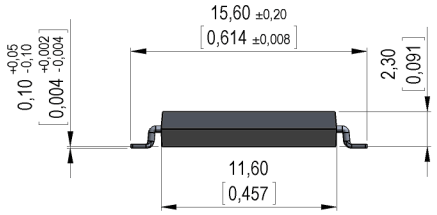
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Item No.:
9161870025
Item:
MK16-E-2

Dimensions mm[inch]

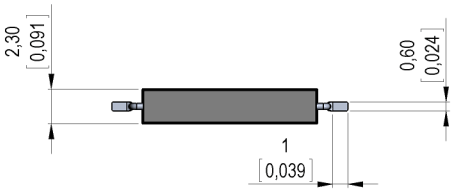
tolerances according to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



Isometric

Scale 2:1
Maßstab 2:1



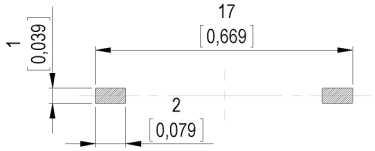


Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte

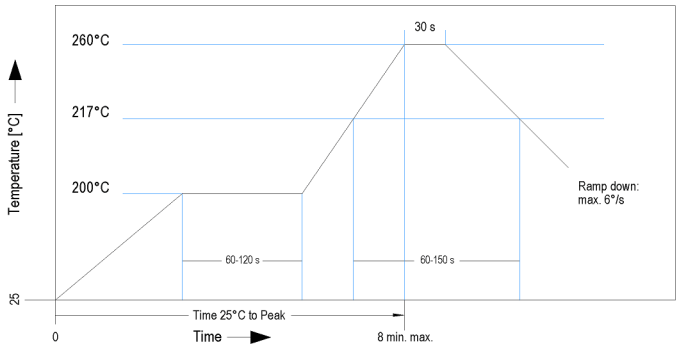


Recommended PCB Pad Layout

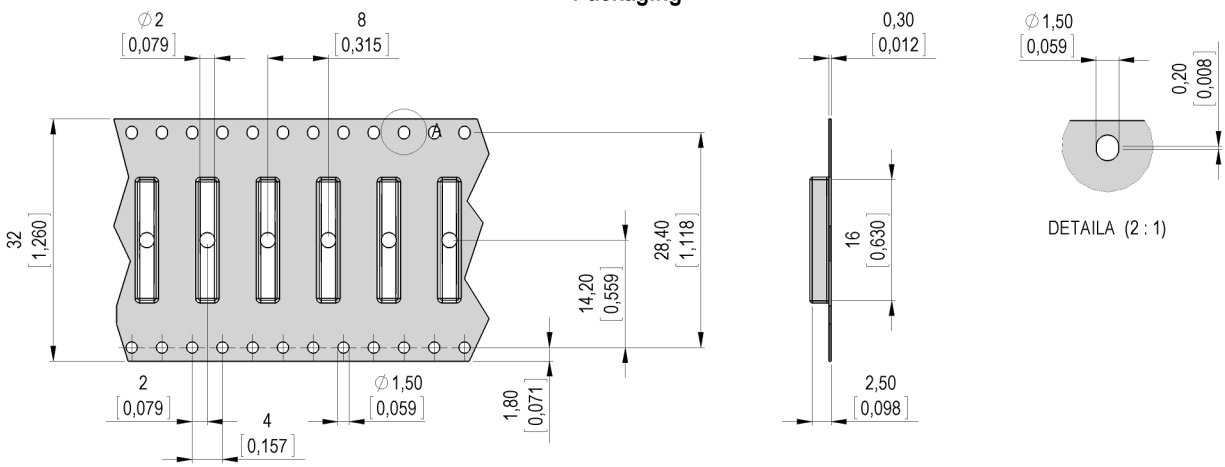


Solder Reflow Profile

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



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Item No.:
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Item:
MK16-E-2

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	45		72	AT
Test equipment		KMS-11			
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	2,3		3,5	mT
Test equipment		MS-150			

Contact data 87	Conditions	Min	Typ	Max	Unit
Contact-material	Plating thicknesses are proprietary	Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Carry current	DC or Peak AC			0,5	A
Switching current	DC or Peak AC			0,4	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Breakdown voltage	according to IEC 255-5	230			VDC

Special Product Data	Conditions	Min	Typ	Max	Unit
Housing material		epoxy resin			
Approval		UL-File Nr. E156887			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			30	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-40		130	°C
Storage temperature		-50		130	°C
Soldering Temperature Tsold	Reflow acc.IPC/JEDEC J-STD-020D.1			260	°C
Cleaning		fully sealed			

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