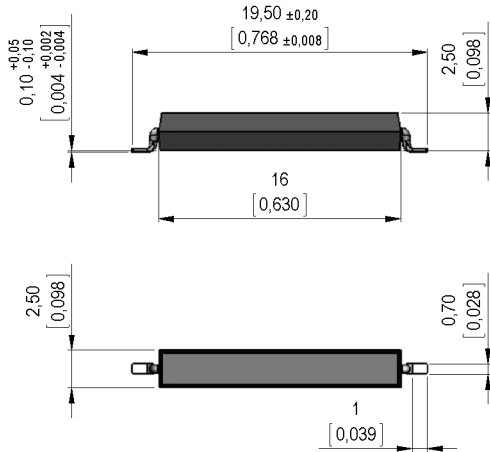


**Dimensions mm[inch]**  
tolerances according to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m



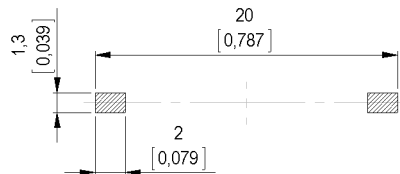
**Isometric**  
Scale 2:1  
Maßstab 2:1



**Marking**  
according to EN60062/factory code  
gem. EN60062/Fertigungsstätte

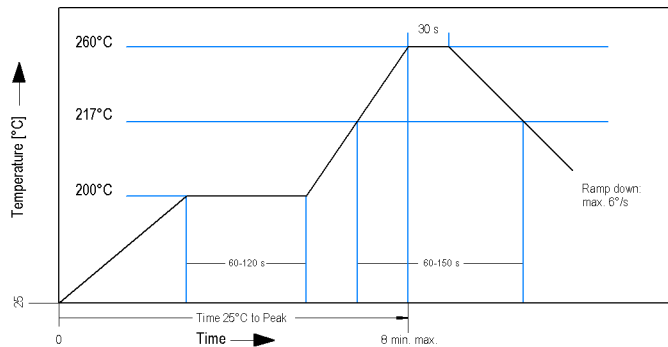


**Recommended PCB Pad Layout**

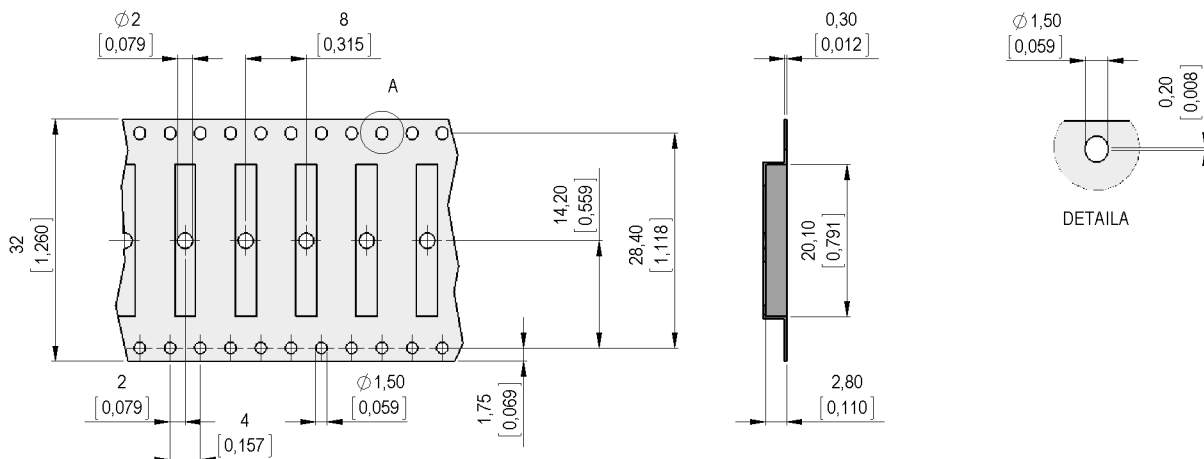


**Solder Reflow Profile**

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



**Packaging**



Modifications in the sense of technical progress are reserved

Designed at: 29.10.08 Designed by: THAUKE  
 Last Change at: 29.12.14 Last Change by: AAI

Approval at: 04.11.08 Approval by: JHEYDER  
 Approval at: 28.01.15 Approval by: AWEBER



Europe: +49 / 7731 8399 0

| Email: info@standexmeder.com

Item No.:

USA: +1 / 508 295 0771

| Email: salesusa@standexmeder.com

**9151710025**

Asia: +852 / 2955 1682

| Email: salesasia@standexmeder.com

Item:

**MK15-E-2**

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	45,2		80,6	AT
Test equipment			KMS-11		
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	2,5		3,5	mT
Test equipment			MS-150		

Contact data 66/1	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			180	VDC
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Breakdown voltage (>20 AT)	according to IEC 255-5	200			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
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		

General data	Conditions	Min	Typ	Max	Unit
Component marking	general descripton		MEDER E YM/P		

Modifications in the sense of technical progress are reserved

Designed at: 29.10.08 Designed by: THAUKE

Approval at: 04.11.08 Approval by: JHEYDER

Last Change at: 29.12.14 Last Change by: AAI

Approval at: 28.01.15 Approval by: AWEBER

Version: 11