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Item No.:
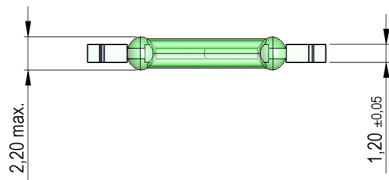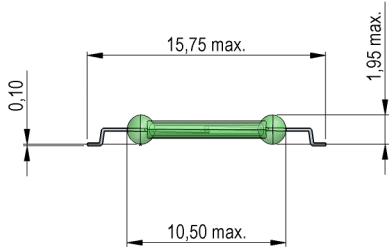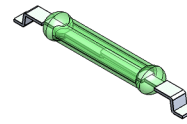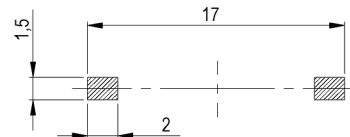**9231350022**
Item:
MK23-35-B-2

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

15,75 max.
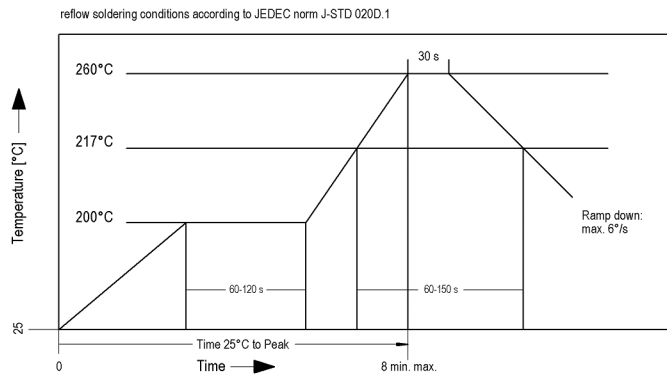1,95 max.
0,10
10,50 max.
2,20 max.
1,20 ±0,05

Isometric
Scale 2:1
Maßstab 2:1

Recommended PCB Pad Layout

1,5
17
2

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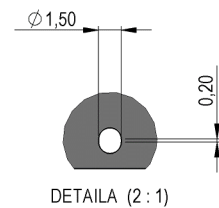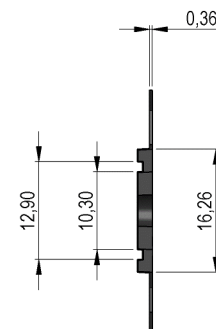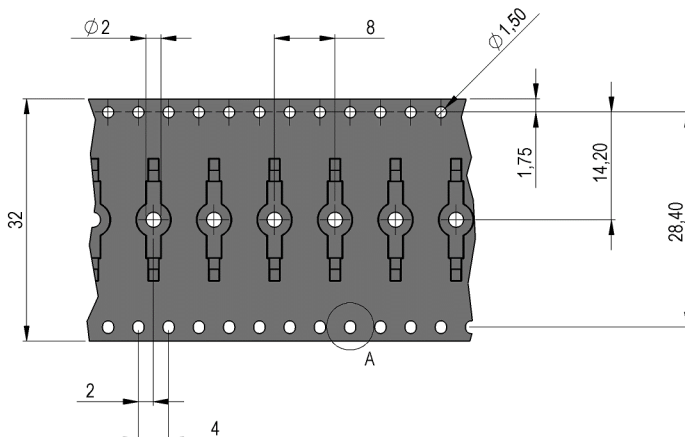
reflow soldering conditions according to JEDEC norm J-STD 020D.1

260°C
217°C
200°C
25
30 s
Ramp down: max. 6°/s
60-120 s
60-150 s
Temperature [°C]
Time 25°C to Peak
0
Time
8 min. max.

Packaging

∅ 2
8
∅ 1,50
1,75
14,20
28,40
32
2
4

0,36
12,90
10,30
16,26

∅ 1,50
0,20

DETAILA (2 : 1)

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Item No.:
9231350022
Item:
MK23-35-B-2

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	29		55	
Test equipment			KMS-11 + AP51		
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	1,3		2,3	mT
Test equipment			MS-150		

Contact data 35	Conditions	Min	Typ	Max	Unit
Contact - No.			35		
Contact-form			A - NO		
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			15	W
Switching voltage (> 9 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			1,25	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Breakdown voltage (10-30 AT)	according to IEC 255-5	220			VDC

Special Product Data	Conditions	Min	Typ	Max	Unit
Approval					

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		-55		130	°C
Washability			fully sealed		

Modifications in the sense of technical progress are reserved

Designed at: 17.04.07 Designed by: THAUKE   Approval at: 20.04.07 Approval by: JHEYDER
Last Change at: 28.05.15 Last Change by: THAUKE   Approval at: 28.05.15 Approval by: JHEYDER   **Version:** 12

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