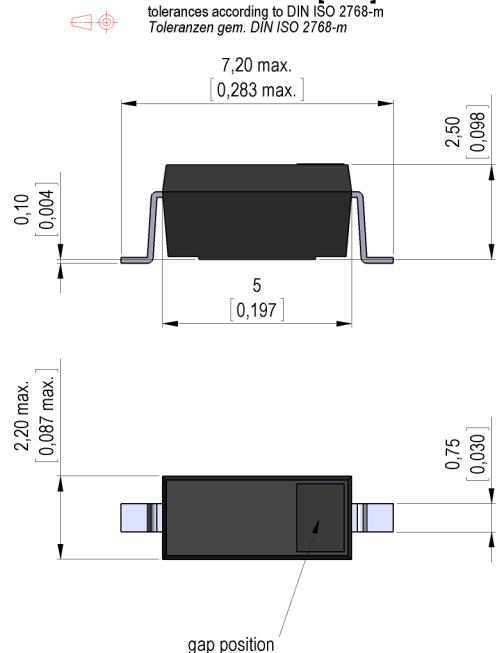
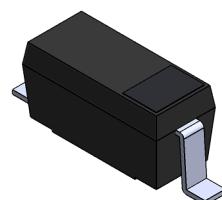


Dimensions mm[inch]

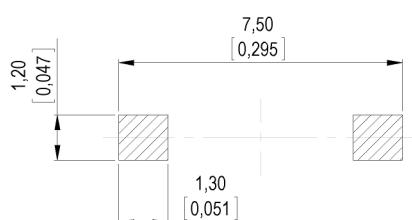


Isometric

Scale 5:1
Maßstab 5:1



Recommended PCB Pad Layout



Solder Reflow Profile

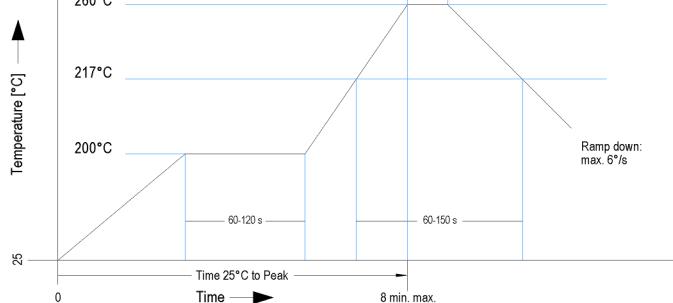
Notes:

Min. distance magnet to sensor: 1,0mm
Mindestabstand Magnet zu Sensor: 1,0mm

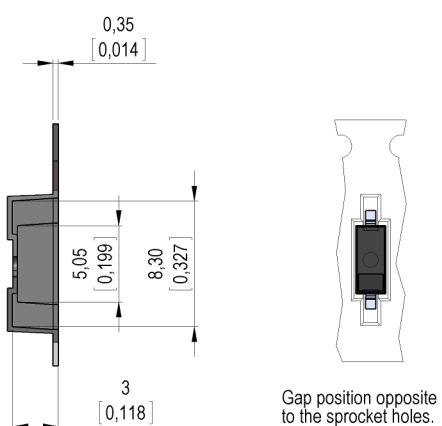
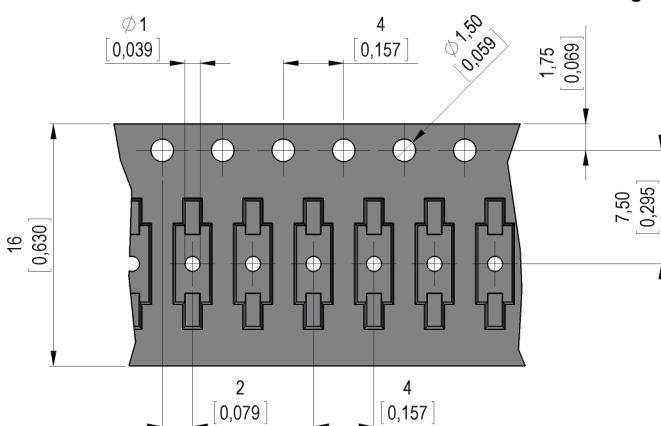
In case of direct contact with the magnet, the sensor can change his sensitivity!
Direkte Berührichg mit dem Betätigungsmaagnet kann die Empfindlichkeit verändern!

The North-pole is marked with a white point.
Der Nord Pol ist mit einem weißen Punkt markiert.

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



Packaging



Gap position opposite
to the sprocket holes.

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	20		40	AT
Drop out	at 20°C	10		35	AT
Test equipment				KMS-11 + AP74	
Pull-In in milliTesla (modified contact)	MS150 - phys. caused tolerance +/- 0,1mT	1,4		3,3	mT
Test equipment				MS-150	

Contact data 04	Conditions	Min	Typ	Max	Unit
Contact - No.				04	
Contact-form				B - NC	
				Ruthenium	
Contact rating (> 9 AT)	Any DC combination of V & A not to exceed their individual max.'s			3	W
Switching voltage	DC or Peak AC			30	V
Switching current (> 9 AT)	DC or Peak AC			0,3	A
Carry current (> 9 AT)	DC or Peak AC			0,5	A
Contact resistance static (>9AT)	Measured with 40% overdrive Start value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (> 9 AT)	according to IEC 255-5	100			VDC

Special Product Data	Conditions	Min	Typ	Max	Unit
Housing material				mineral-filled epoxy	

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			30	g
Vibration	from 10 - 2000 Hz			20	g
Remark				Pick & place force should not exceed 25cN!	
Operating temperature		-40		115	°C
Storage temperature		-50		115	°C
Washability				fully sealed	
Remark				no direct touch between sensor and strong magnets!	

General data	Conditions	Min	Typ	Max	Unit
Packaging				T&R per 1000 pcs	

AMEYA360

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