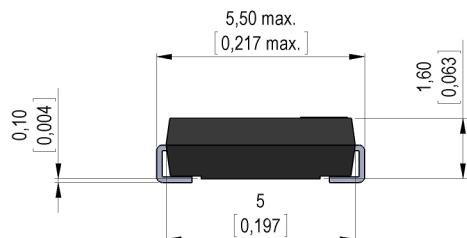




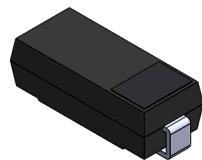
### Dimensions mm[inch]

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

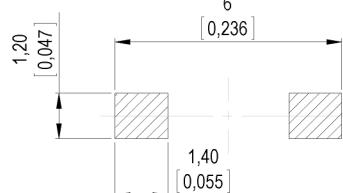
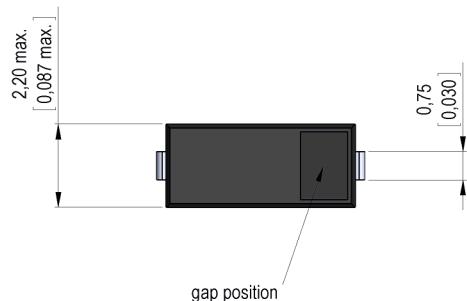


### Isometric

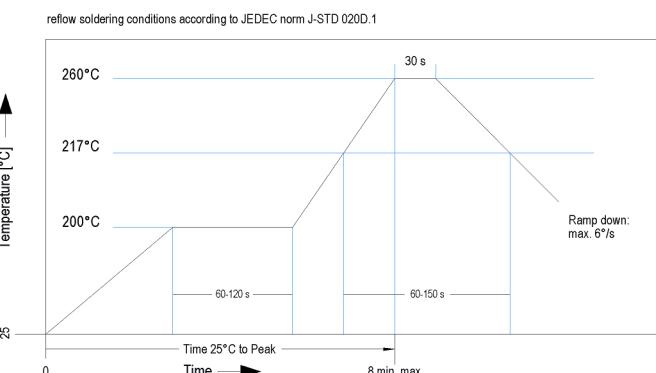
Scale 5:1  
Maßstab 5:1



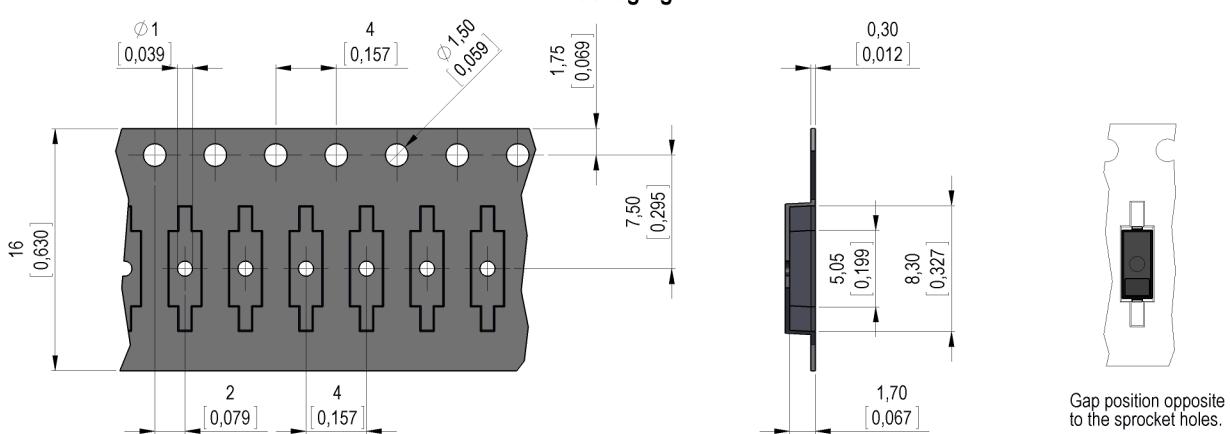
### Recommended PCB Pad Layout



### Solder Reflow Profile



### Packaging



<b>Magnetic properties</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Pull-In excitation (modified contact)	Reed switch modified phys. conditioned tolerance of +/- 1 AT	50		112	AT
Test equipment	Testing 100%			KMS11+AP59	
Pull-In in milliTesla (modified contact)	MS150 - phys. caused tolerance +/- 0,1mT	5,8		11,4	mT

<b>Contact data 04</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
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
Operate time incl. bounce (> 9 AT)				0,2	ms
Release time	measured with no coil excitation			0,15	ms
Capacity	@ 10 kHz across open switch		0,1		pF

<b>Special Product Data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Reach / RoHS conformity				yes	

<b>Environmental data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Shock	1/2 sine, duration 11ms, in 3 axis			30	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-40		115	°C
Storage temperature		-55		115	°C
Soldering Temperature Tsold	Reflow according IPC/JEDEC J-STD-020C			260	°C
Washability				fully sealed	

<b>General data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Remark				Pick & place force should not exceed 25cN!	
Packaging				Tape & Reel per 2000 pcs. / Tray H20	

# AMEYA360

Components Supply Platform

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