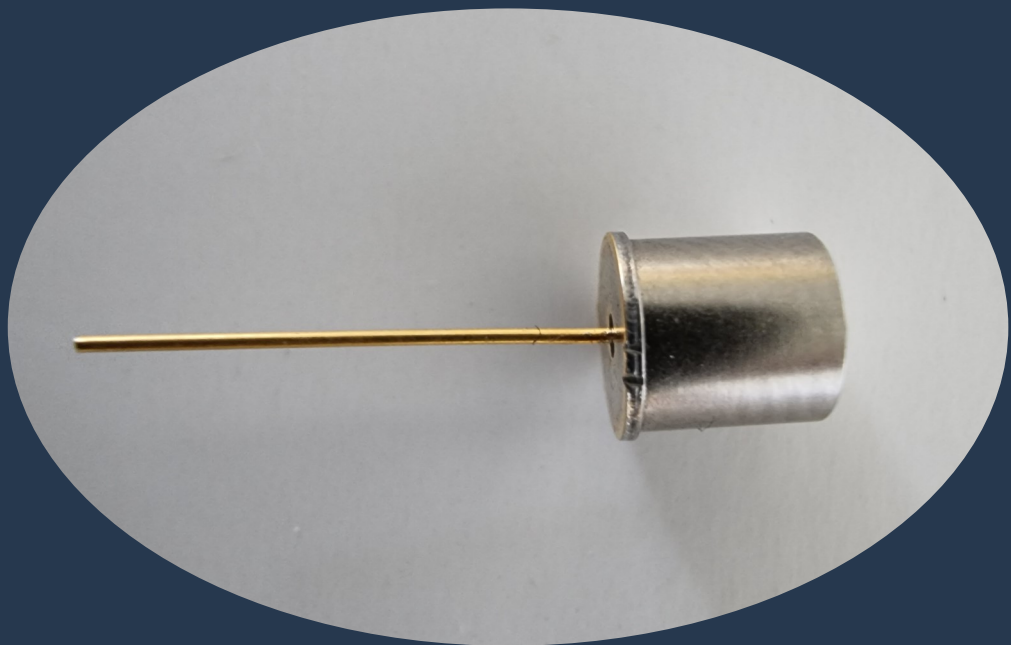
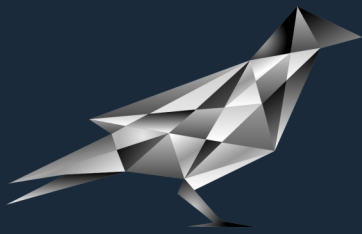


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Impact Switch



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Impact Switch is a passive component used in impact-activated munition & fuzes. It generates a trigger for the fuze by closing the open circuit after the munition hits the target and the predetermined threshold acceleration value is reached. After the impact, the inertial spring-mass mechanism in the Impact Switch starts to move and contacts with the other pole of the switch. The contact changes the normally open circuit into closed state which generates a trigger signal as a result of the change in circuit continuity.

General Specifications

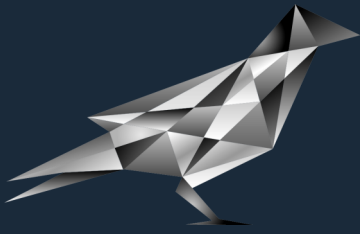
Electrical Interfaces	Connection	1 or 2 pins according to customer requirements
	Resistance	Switch open : > 10 MOhm Switch closed : < 10 Ohm
	Rated Voltage	28 V \pm 1 V
Operation Conditions*	Threshold Acceleration	200 \pm 50 g
	Acceleration Form	Half-sine
	Acceleration Time	3 - 10 milliseconds
Operating Times	Switching Time	< 3 ms
Dimensions	Diameter	5.7 mm
	Length	6.5 mm (20 mm including the lead)

* Acceleration profile can be modified according to customer requirements

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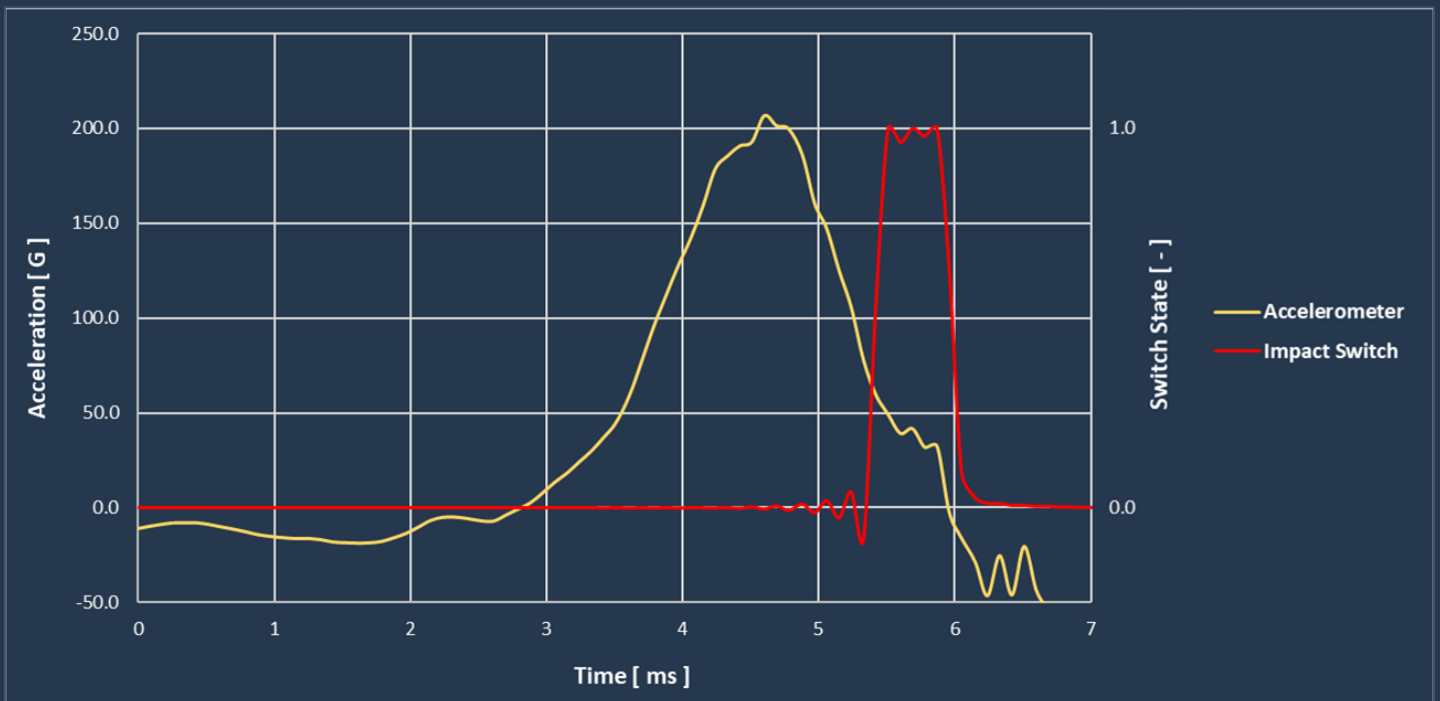
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Shock Test Result



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