

**PRODUCT FAMILY**

**ONE WAY INITIATOR**

One Way Initiators are Explosive Transfer Line (ETL) high energy end tip actuated devices that allows detonation transfer to proceed to another high energy transfer line in one direction only. The location of the one way allows detonation to proceed in one direction only. This component is analogous to a one way diode in an electrical circuit. The advantage provided is to control multiple canopy/hatch removal vs. an individual one.



**APPLICABLE SPECIFICATIONS**

- Operating Temperature: -65°F to +350°F
- Leak Rate: 1×10<sup>-5</sup> cc / sec./helium/second
- Auto Detonation: Withstands +600°F minimum of 1 hour without detonating
- Vibration: 20-2,000 Hz random vibrations at a loading of 1 G<sup>2</sup>/Hz
- Shock: 18 each 11 milliseconds at shocks of 15 g's and 12 each 11 milliseconds at shocks of 40 g's
- Drop: 6 feet onto a steel plate at least 2 inches thick, over concrete per MIL-D-21625; 40 feet onto a steel plate over reinforced concrete per MIL-D-21625
- Temperature Cycling: -65°F for 55 minutes, +265°F for 45 minutes and +425°F for 5+ minutes
- Sand/Dust: Withstands dust particles 0.1 to 1,000 microns diameter
- Salt Fog Spray: 48 hours at +95°F +/- 2.5°F per MIL-STD-810, Method 509
- Platform Use & Heritage: F-15, F/A-18, B-1B, Scorpion, Improved CFS w/Inert

ENVELOPE & DIMENSIONS

