

PRODUCT FAMILY

EXPLODING FOIL INITIATOR

An exploding foil initiator (EFI), also known as Slapper Detonator, are uses to initiate insensitive explosive materials usually in the first stage of an explosive chain, it is a short-pulse electric signal device and contains no primary explosive. It is used to provide reliable in-line initiation of explosive trains in ordnance systems with a high degree of safety, reliability, precision and repeatability.



APPLICABLE SPECIFICATIONS

- Optimal Voltage: 1 100 Volts nominal
- All-Fire: 860 Volts at 0.999 reliability at 95% Confidence level
- No-Fire: 500 Volts, 0.001 probability to fire at 95% SS lower confidence
- Operating Temperature: -54°C to +71°C
- Ordnance Output: Deflagration – Tailored peak output pressure performance in 10cc closed bomb
 Detonation – 0.010-inch dent depth in steel dent block
 Thru-Bulkhead – Post-Fire Back Pressure >10,000 PSI

ENVELOPE & DIMENSIONS

