

PRODUCT FAMILY

ARM-FIRE DEVICE

The Arm Fire Device (AFD) is an electro-mechanical device used to provide a reliable initiation of an explosive train when it is in the armed state. The AFD utilizes a Thru Bulkhead Initiator (TBI) as the output to initiate an explosive train, which in turn, provides a pressure containment barrier after functioning, providing isolation between explosive elements (i.e. rocket motor ignition) after firing.



SPECIFICATIONS

- All-Fire: Minimum 3.5 Amp (5.0 Amp recommended for 20 milliseconds)
- No-Fire: 1 Amp/1 Watt for 5 minutes
- Operating Temperature: -54 °C to +71 °C
- Arming Voltage: 28 VDC
- Output: Deflagration – Tailored peak output pressure performance in 10cc closed bomb
- Insulation Resistance: 100 MΩ at 500 VDC
- Electrostatic Discharge
- Immunity: 25 KV / 500 pf / 5 KΩ
- Pre-Function Hermeticity: 1 x 10⁻⁶ standard cc/second of Helium

ENVELOPE & DIMENSIONS

