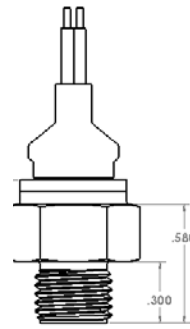


- EBW = Exploding Bridge Wire
- 100% BKNO₃
- Dimensions and output performance are the same as mil-spec hotwire initiators.
- Inherently safer compared to hotwire devices.
- Can replace TBIs (Thru-Bulkhead Initiators)
- Designed to meet requirements of MIL-DTL-23659, Class B device.
- Meets energetic materials requirements of MIL-STD-1901 for in-line high voltage devices, using only listed/approved propellant and containing no primary or secondary HIGH explosives. *There is no ZPP, lead azide/styphnate or PETN in these devices.*
- Applications include:
 - Pressure initiator for in-line/high voltage systems for flight and other critical applications
 - Substitute for EFIs in systems where the igniters cannot be close enough to the FireSet or distributed systems with one FireSet/electronic sequencer and multiple initiators & detonators. EFIs & EBWs may be mixed in such a system.
 - Tested to greater than 22,000 PSI post shot pressure
 - Safer test substitute for hot wire initiators
- DOT Shipping Classification: UN0255, 1.4B in approved packaging.



Thread sizes	.375-24 x .300" long, (also 7/16-28, 1/2-20, 9/16-18, 5/8-18 thread & others)
Connection options	Two bare pins; high voltage parallel wire or coax; bayonet or triple start 38999 type connectors
Construction	Hermetic: 304L stainless housing, glass to metal compression seals, welded stainless closure
Temperature	-65°F to +180°F
Output closure	Welded stainless, petaling (FOD free) or plain closure
Leakage	1.0 x 10 ⁻⁶ std. cc/sec Helium at 1 atm. pressure
Peak Pressure	500-1500 psi in 10cc volume (other pressures available)
Post fire pressure capability	>22,000 psi. after passing 10 ⁻⁸ std. cc/sec He
ESD	25kV, 500pf, 500 ohm
FireSet Requirements	High Voltage Capacitive Discharge Firing Unit- Various