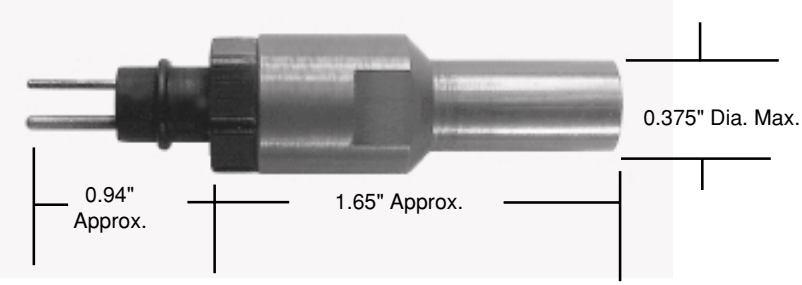
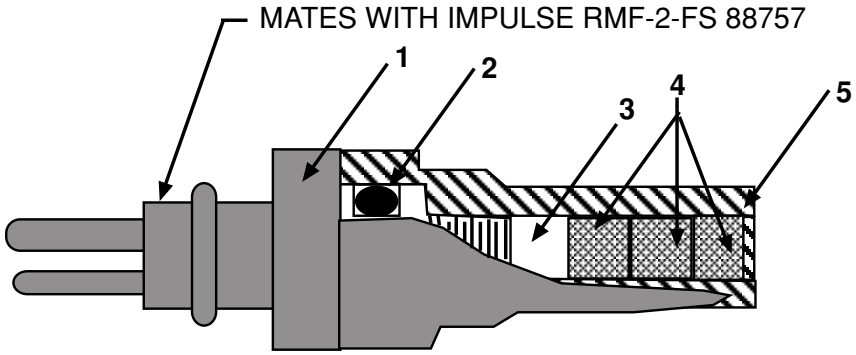
RP-96 Sealed EFI Detonator

P/N 188-7393

The RP-96 is an all HNS Exploding Foil Initiator (EFI) designed for higher temperature applications than PETN or RDX detonators. It is a sealed detonator with an integral connector designed for underwater use. All RP-96 detonators are individually tested to 1000 psi water pressure.



RP-96 Explosive Train



1. PLASTIC HEAD
2. 'O' RINGS
3. EXPLODING FOIL
4. TOTAL EXPLOSIVE: 1.1 grams HNS WITH BINDER
5. CUP: ALUMINUM

RP-96 Firing Parameters

- Threshold Voltage: Approx. 1500 volts with 0.25 µFD Capacitor
- Threshold Voltage Std. Deviation: 50 volts maximum
- Function Time: 7.5 µsec. typical
- Function Time Simultaneity Standard Deviation: 0.125 µsec Max.

Caution: While EBW and EFI Initiators are inherently less susceptible to accidental detonation during handling and set-up than devices containing primary explosives, electrical and electronic firing systems are sensitive to transient electrical energies which could cause premature triggering or firing. The blasting area must be clear of personnel and equipment before the detonator leads are connected to any RISI Firing System. Only approved RISI Firing Systems should ever be used to initiate or detonate any explosive product manufactured and authorized for sale by RISI.