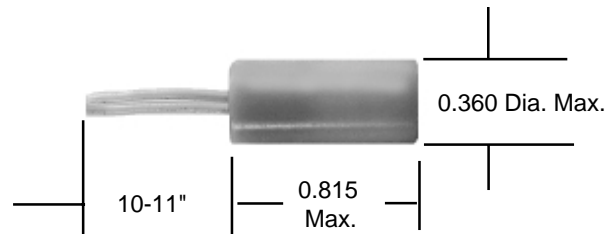


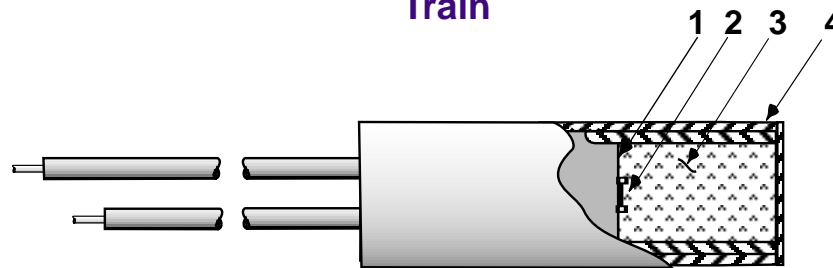
SQ-80 EBW IGNITOR

P/N 188-7382

The SQ-80 Ignitor is a thermite filled Exploding Bridgewire ignitor possessing all the safety characteristics of an Exploding Bridgewire Detonator. Threshold firing requirements are the same as for the RP-80 EBW detonator. The SQ-80 is capable of igniting standard propellants and pyrotechnics at distances exceeding 5 inches.



SQ-80 Ignitor Explosive Train



1. RP-80 HEAD
2. GOLD BRIDGEWIRE
3. THERMITE MIX: 450 mg
4. PLASTIC SLEEVE

SQ-80 Ignitor Firing Parameters

- Threshold Burst Current: 190 amps
- Threshold Voltage: Approx. 500 volts
- Threshold Voltage Std. Deviation: 50 volts maximum

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.