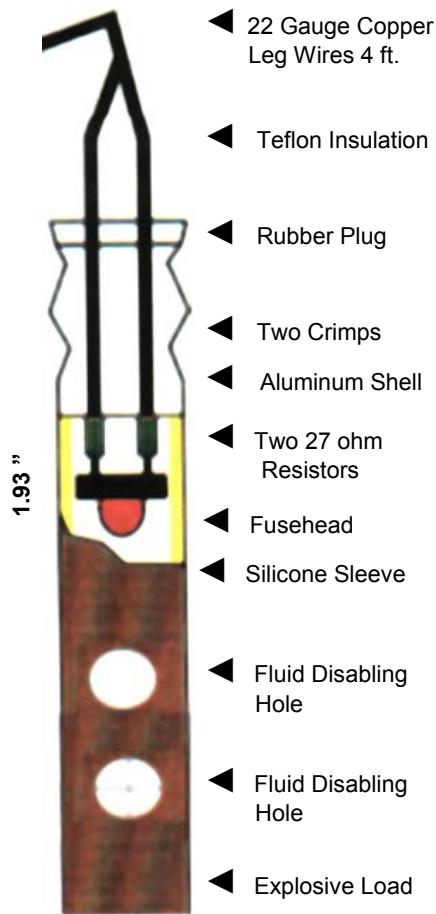




A-140 F & Block

Fluid Disabled Resistorized
Instantaneous RDX Detonator Assembly

Austin Powder Company



CONSTRUCTION FEATURES

A-140 F Detonator	
Shell Length	49 mm / 1.93 "
Base Charge	5 grains RDX (0.325 gram)
No-Fire Current (approx.) (Based on a constant voltage for 1 minute)	0.2 amperes
All-Fire Current (approx.)	0.8 amperes
Minimum Firing Current (approx.)	0.5 amperes
Resistors in Series with Bridgewire	(2) 27 ohm
Leg to Leg Resistance Plus 0.032 for each foot of duplex wire	51 to 60 ohm + 0.27/0.32 ohm
High Temperature Performance	1 hr. at 350°F
Electrostatic Sensitivity Energy Value (Double leg to shell capacitor discharge energy level)	781 mJ

A-140 F Detonator



Block with Retaining Wire

P.I.B. A-140FB/009 April 02 (1/2)

- Antistatic sleeve and spark gap protect against static electricity.
- Leg wires are high temperature Teflon insulated 22 gauge four feet long copper leg wires.