

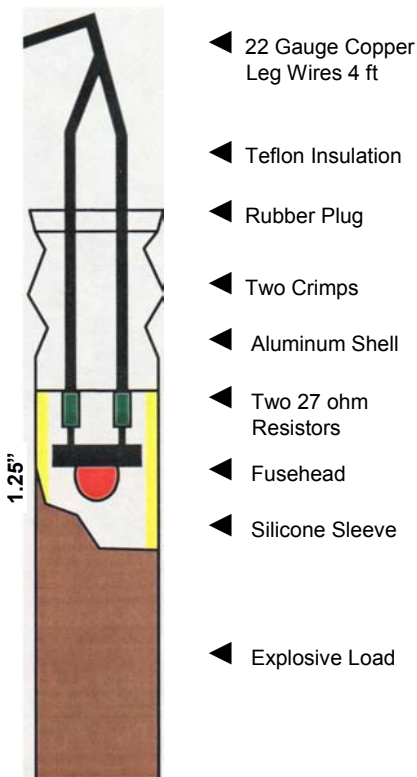


A-140

Resistorized
Instantaneous RDX Detonator

Austin Powder Company

CONSTRUCTION FEATURES



- ◀ 22 Gauge Copper Leg Wires 4 ft
- ◀ Teflon Insulation
- ◀ Rubber Plug
- ◀ Two Crimps
- ◀ Aluminum Shell
- ◀ Two 27 ohm Resistors
- ◀ Fusehead
- ◀ Silicone Sleeve
- ◀ Explosive Load

A-140	
Shell Length	32 mm / 1.25 "
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
Pressure Rating	1 hr. at 100 psi
Electrostatic Sensitivity Energy Value (Double leg to shell capacitor discharge energy level)	781 mJ

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

P.I.B. A-140/0302

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