

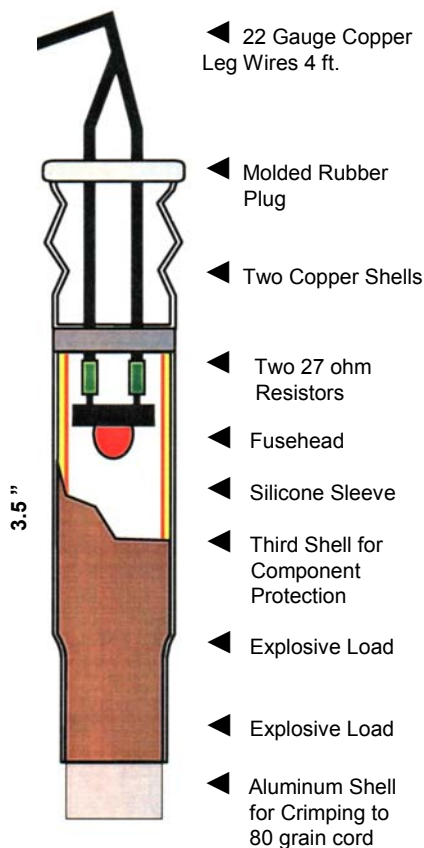


A-105

High Pressure Resistorized
Instantaneous RDX Detonator

Austin Powder Company

CONSTRUCTION FEATURES



A-105	
Shell Length	90 mm / 3.5 "
Base Charge	15 grains RDX (0.972 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
Pressure Resistance at 325 °F	15,000 psi /1 hr
Temp. Performance / Ambient Pressure	1 hr. at 325 °F
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 Nylon insulated 22 gauge four feet long copper leg wires.

P.I.B. A-105/0402

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