

**PRODUCT FAMILY**

**START CARTRIDGE**

Our cartridges are specialized gas generators that produce gas pressure from propellant grains to start turbojet engines. The output can be customized to specific performance factors for engine design. The cartridge is initiated with a 1-amp/1 watt electro-explosive device (EED) which can be initiated with standard battery power. With the addition of a PacSci EMC Igniter, you have all the components for a tailored engine start system for your program.



**APPLICABLE SPECIFICATIONS**

Bridgewire:	1 ± .1 ohms
Function Time:	<10 mSec
Burn Time:	2 seconds minimum
Cartridge Burn Time:	2 minutes minimum
All-Fire:	3.5 amps, 10 ms. pulse
No-Fire:	1 amp/1 watt for 5 minutes
Function:	This device produces an exhaust gas with a temperature of less than 2200 oF. Produces approximately 1500 psi for a minimum of two seconds when fired with a .144" diameter equivalent orifice.
Operating Temperature Range:	-65 OF (-54 OC) to +160 OF (+71.11 OC)

ENVELOPE & DIMENSIONS

