

**PRODUCT FAMILY**

**PYROTECHNIC GAS GENERATOR**

Gas Generators use pyrotechnic mixtures to produce hot gas for a multitude of applications. They can be mechanically, electrically or laser initiated. Upon receipt of an input stimulus, the propellant in the gas generator will ignite, emitting heat, hot particles and/or gas at a controlled rate to provide the necessary input to the next level assembly. PacSci EMC can tailor a design by incorporating propellant grains of various geometries and associative hardware features to meet needed pressure vs. time gas delivery requirements.



**APPLICABLE SPECIFICATIONS**

- All-Fire: 4.5 amps for 10 milliseconds minimum
- No-Fire: 1.0 amp / 1.0 watt for 5 minutes maximum
- Operating Temperature: -54°C to +71°C
- Burn Time: With the application of the All-Fire current, Generators are tailored to produce gas delivery at application specific pressure / time requirements.
- Function Time: With the application of the All-Fire current, Generators will begin to generate hot gas within 50 milliseconds.

ENVELOPE & DIMENSIONS

