

PRODUCT FAMILY

ROCKET MOTOR IGNITER

A rocket motor igniter provides the necessary heat source to ignite rocket engines. This solid rocket motor igniter utilizes an electrical input stimulus that ignites an Electro-Explosive Device (EED), which in turn ignites a propellant grain. The propellant grain is designed to sustain a controlled burn to emit the necessary heat and hot particles for sufficient time to reliably ignite a rocket motor. We can tailor the burn duration to meet performance specification requirements, or they can be customized to burn for a specified period of time, based on the application. We have manufactured millions of high power rocket motor igniters which have proven highly effective in a diverse set of applications.



APPLICABLE SPECIFICATIONS

All-Fire:	4.0 amperes for 20 milliseconds
Operating Temperature:	-20 °F to +160 °F
Initiation Delay:	70 milliseconds, maximum
Action Time:	2.0 seconds, minimum
Plume Length:	12 inches, minimum
Caloric Output Length:	36,400 calories per second, minimum
Applicable Specifications:	Qualified to MIL-STD-1576 Initiator qualified to MIL-I-23659

ENVELOPE & DIMENSIONS

