

PRODUCT FAMILY

LASER DETONATOR

Laser detonators can be used in applications requiring shock or severe mechanical impulse to operate. The detonation output is useful for setting off adjacent high order energetics, including transfer lines, or for rupturing adjacent surfaces for various purposes such as releasing pressure or intentionally inducing structural failure mechanisms (e.g. bulkhead or pressure vessel breaching, shape charge activation, etc.).



APPLICABLE SPECIFICATIONS

- All-Fire: (99.9% reliability @ 95% confidence)
200mw/5ms (1 mj) to 20.4mj/11ms
(Depending on ordnance material, fiber size, and device design)
- Function Time: Typical <2ms, Max 5 ms for 100um fiber input at
99.9% reliability @ 95% confidence firing level
- Operating Temperature: Typical -65F to +165F
- No-Fire: (5 minute)
(99.9% reliability @ 95% confidence)
- Wavelength: Typical 808 nm, 980 nm, 1064 nm
depending upon device



ENVELOPE & DIMENSIONS