

**PRODUCT FAMILY**

**LASER FIRING UNIT**

The Laser Firing Units are lightweight units that provide a means for safe initiation of ordnance devices.

Our Laser Firing Units are immune to EMP, EMI and ESD. LFUs have built in test, low power demand and nearly unlimited distance between the fireset and ordnance. In applications where a positive physical barrier is required, initiation energy interruption is also available.

Our existing Laser Initiation systems have an integrated Built-in-Test (BIT) to ensure full end-to-end optical continuity and laser firing unit electrical functionality that is interfaced with flight telemetry. The LFU interfaces directly with the mission/flight computer via the missile system high speed bus. This system offers significantly reduced weight and volume while offering increased system reliability and lower overall system cost.



**APPLICABLE SPECIFICATIONS**

- Firing Power Output: Minimum 500 milliwatt, typical >1 watt
- Pulse Duration: 10 to 13 milliseconds
- Built In Test Power Output: <100 microwatts
- Operating Temperature: -54 °C to +71 °C

ENVELOPE & DIMENSIONS

