

# 1DT511 Explosive Lead



Explosive leads are typically used as the moveable part of the detonation train.

*Explosive leads achieve the desirable out-of-the-line fuze position for safety.*

## Lead Function

The lead when properly initiated will produce a minimum dent of .010 inch (0.254 mm) when functioned in accordance with MIL-STD-331, Test 301, using a steel dent block with a Rockwell hardness of B75 to B95.

## Characteristics

Some of the characteristics listed here are nominal; others are levels to which the units have been tested. There are no limits on design capabilities. Please consult an EaglePicher representative before using this data as a specification.

## Specifications

Mechanical	
Size	See Drawing
Case Material	Aluminum alloy 1100-0
Environmental	
Temperature	Operating range: -20°F to +140°F (-29°C to +60°C)
Chemical	
Output Material	Composition PBXN-5, type I, class 2 or 3
Freight Classification	
Shipping Name	Fuzes, Detonating
Hazard Classification	Class 1.4b explosive when contained in shipping packaging

# 1DT511

## Safety

### Maximum pyrotechnic weight:

480 mg

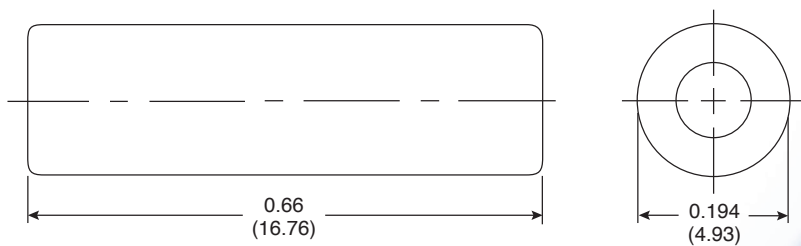
### Warning:

Detonators are sensitive to static electricity, electric current, heat, friction and shock. They explode with great force and their accidental firing under unprotected conditions may cause severe injury

Most companies that buy detonators are already aware of the hazards involved in their handling and use, and have effective safety programs to protect against those hazards.

If your company does not have a safety program, it is essential that one is established before explosive items are handled or used. For a brief overview of safety precautions, see the Safety Procedures Data Sheet or contact an EaglePicher representative.

Energetic devices are considered articles; therefore a Material Safety Data Sheet (MSDS) does not apply. However, MSDS may apply to individual components. For more information, contact your EaglePicher representative.



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