



RF-Safe Green Det™ Owen Oil Tools & Pacific Scientific

TECHNICAL SPECIFICATIONS:

APPLICATION:

Cobalt based CLCP (lead free, non-primary energetic material) initiating detonator used in wireline operations to initiate non-exposed gun & pipe recovery systems with a 99.99% initiation reliability @ 95% confidence level.

RATINGS:

TEMPERATURE RATING:

400°F (200°C) for 12 hours
300°F (150°C) for 400 hours

ELECTRICAL SPECIFICATIONS:

RESISTANCE:

0.800 MΩ - 1.100 MΩ

ALL-FIRE LEVEL:

300 volts (DC)

NO-FIRE LEVEL:

55 volts (DC)

STATIC SENSITIVITY:

MIL-DTL-23659F

EXPLOSIVES:

BASE CHARGE:

5.12 grains (CLCP)

PRIMARY EXPLOSIVE:

None

PACKAGING:

QUANTITY PER BOX:

10

NET EXPLOSIVE WEIGHT:

3.3 grams

NET ITEM WEIGHT:

90 grams

TOTAL PACKAGE WEIGHT:

2.87 lbs

BOX DIMENSIONS:

12 in. X 9 in. X 6 in.

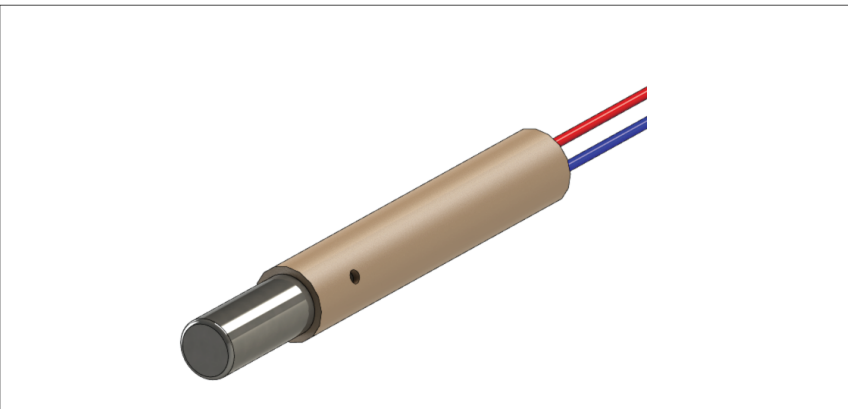
SHELF LIFE:

5 years from DOM (in original packaging)

PACKAGE TYPE:

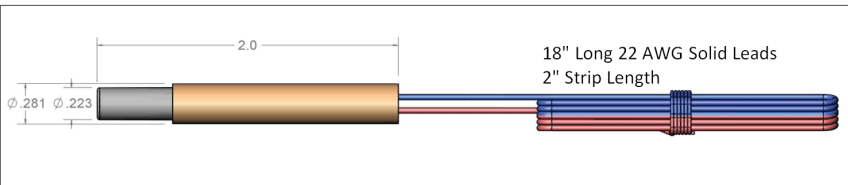
4G fiberboard box

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|-------------------------------|------------------|
| Detonator Part Number: | 2-300750-1 |
| D.O.T. EX Number: | EX2014010681 |
| Shipping Class: | 1.45 |
| CE Number: | 0080.EXP.14.0036 |
| UN Number: | UN0456 |



IMPORTANT NOTES:

Detonator was certified RF-Safe by Franklin Applied Physics Laboratory. Will withstand up to 10 GHz @ 100 V/m and conforms to API RP-67



Note: Detonator should be electrically connected with red wire to hot lead and blue wire to ground.

This detonator is designed for use in multiple applications depending on the type of accessories that are used. Please reference the user manual (MAN-DET-RF) and individual specification pages for more details on each application. It is **NOT** pressure rated, and cannot be used in exposed systems. The Green Det™ can be fired with any standard firing panel that has the capability to deliver at least 300V (DC) & 1.5A, so no special firing panel or fireset is required. Tested RF-Safe, the Green Det™ RSCB-based detonator enables operators to continue cell phone and RF communications at the job site during arming operations. By avoiding the potential shutdown of communications, welding and other operations during arming, utilizing Green Det™ RF-Safe detonators allow for increased operational efficiencies and enhanced job site safety.