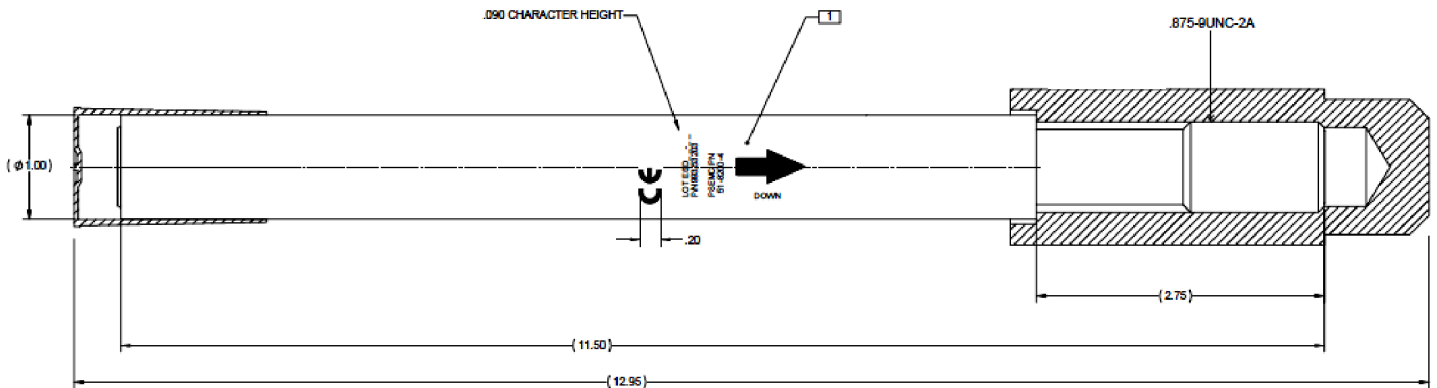


51-8200-4
DELAY ELEMENT
OIL FIELD ORDNANCE DEVICE



DESCRIPTION

This is a pyrotechnic delay element, used to provide a period of time for manipulation of down-hole pressure and then a detonation, used to initiate detonation of oilfield tubing conveyed perforating guns.

MATERIAL DATA

Ignition end closure disk: Alum. Foil
Output end closure: CRES

DELAY TIME

Ambient Temp: 6 min. 30 sec. ± 30 sec.
At 435° F: 4 min. 16 sec approx.

SEALING PROPERTIES

Ignition End: Environmental Seal
Output End: Welded Seal

PERFORMANCE

Temperature Rating: 435° F for 200 Hours:
Output: Initiates detonation of an oilfield detonation cord booster.

EXPLOSIVE MATERIALS

Ignition Mix: 600 MG A-1A
Delay Mix: 29 GM Tungsten Delay
Output Charge: 810 MG HNS

SHIPPING

NUMBER / CLASS: UN0323 / 1.4S
NAME: Cartridges, power device
REFERENCE NUMBER: EX2007050123
NRCanada Authorized List

FIRING CHARACTERISTICS

Ignites from a percussion primer, 2-350220-1 or equivalent.

EC TYPE EXAMINATION CERT

0080.EXP.03.0040

THE DATA PRESENTED ABOVE IS FOR INFORMATION PURPOSES ONLY
OWEN OIL TOOLS IS THE EXCLUSIVE DISTRIBUTOR OF PACIFIC SCIENTIFIC OIL FIELD PRODUCTS.
CONTACT YOUR LOCAL OWEN OIL TOOLS REPRESENTATIVE FOR MORE INFORMATION