

View Online at <https://aerobasegroup.com/nsn/5962-01-283-2506>

**Body Length:**

0.840 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.140 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

500.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Sturgeon class ssn (637); ticonderoga class cg (47); helicopter, carrier based asw, sh-60f; communications systems an/wsc-3; los angeles class ssn (688); virginia class cgn (41); helicopter, search and rescue, hh-60h; helicopter, uscg search and rescue, hh-60j; aircraft, airlifter c-17a; communications systems an/wrr-7

**Features Provided:**

Hermetically sealed and burn in and monolithic and w/clock and w/reset

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

4 input and 14 stage

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 counter, binary

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

36.0 volts power source

**Special Features:**

Weapon system essential

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

16 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0