

View Online at <https://aerobasegroup.com/nsn/5962-01-366-6190>

**Body Length:**

Between 0.342 inches and 0.358 inches

**Body Width:**

Between 0.342 inches and 0.358 inches

**Body Height:**

Between 0.060 inches and 0.100 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

**Features Provided:**

W/clock and synchronous and w/preset and monolithic and electrostatic sensitive

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

8 input

**Design Function And Quantity:**

1 counter, binary

**Case Outline Source And Designator:**

C-2 mil-m-38510

**Current Rating Per Characteristic:**

100.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-0.6 volts power source and 6.0 volts power source

**Capitance Rating Per Characteristic:**

10.00 input picofarads and 12.00 output picofarads

**Time Rating Per Characteristic:**

7.50 nanoseconds propagation delay time, high to low level output and 7.50 nanoseconds propagation delay time, low to high level output

**Test Data Document:**

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

**Terminal Type And Quantity:**

20 leadless

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0