

View Online at <https://aerobasegroup.com/nsn/5962-01-425-8839>

**Body Length:**

Between 0.940 inches and 0.960 inches

**Body Width:**

Between 0.940 inches and 0.960 inches

**Body Height:**

Between 0.067 inches and 0.083 inches

**Maximum Power Dissipation Rating:**

750.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Pacer dawn

**Features Provided:**

Burn in, mil-std-883, class b and compatible dtl and compatible rtl and electrostatic sensitive and monolithic and tested to mil-std-883 and 3-state output and w/clock

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

39 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 multiplier

**Case Outline Source And Designator:**

C-7 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, radix butterfly cmos, monolithic silicon

**Voltage Rating And Type Per Characteristic:**

-0.3 volts power source and 7.0 volts power source and -0.3 volts input and 3.0 volts input

**Time Rating Per Characteristic:**

40.00 nanoseconds propagation delay

**Special Features:**

16-bit arithmetic unit capable of calculating complex multiplications, radix 2 butterflies, radix 4 butterflies and inverse radix 4 butterflies; 10mhz clock frequency

**Test Data Document:**

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

**Terminal Type And Quantity:**

68 leadless

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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