

View Online at <https://aerobasegroup.com/nsn/5962-01-427-2283>

**Body Length:**

Between 0.938 inches and 0.962 inches

**Body Width:**

Between 0.938 inches and 0.962 inches

**Body Height:**

Between 0.082 inches and 0.120 inches

**Maximum Power Dissipation Rating:**

300.0 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 electrostatic sensitive and hermetically sealed and monolithic and tested to mil-std-883

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

42 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 counter

**Case Outline Source And Designator:**

C-7 mil-m-38510

**Current Rating Per Characteristic:**

20.00 milliamperes output

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, cmos, 8-input counter/interface, 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 0.3 volts input

**Time Rating Per Characteristic:**

35.00 nanoseconds propagation delay

**Special Features:**

This device has 68 pads: 18 inputs, 24 bi-directional inputs, 18 outputs, 4 power, 4 ground and 0 no connects; all input pins are ttl compatible

**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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