

View Online at <https://aerobasegroup.com/nsn/5962-01-419-5575>

**Body Length:**

0.875 inches

**Body Width:**

0.250 inches

**Maximum Power Dissipation Rating:**

400.0 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:**

Electrostatic sensitive and monolithic and electrostatic sensitive and hermetically sealed and burn in and w/enable and positive outputs

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

8 input and 8 channel

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 multiplexer/demultiplexer, cmos

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Current Rating Per Characteristic:**

12.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter minor

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, linear, cmos/analog multiplexers/demultiplexers, 8-channel, monolithic silicon, positive logic

**Voltage Rating And Type Per Characteristic:**

32.0 volts total supply

**Time Rating Per Characteristic:**

1000.00 nanoseconds propagation delay time, high to low level output and 1000.00 nanoseconds propagation delay time, low to high level output

**Special Features:**

4selected item selected from 34371 19007bear2497; meets requirements of m38510/19007bea except charge injection parameter shall be less than 5 pico-coulombs which would result in a charge transfer error of 0.5 mv at pin 8 with a 0.01uf capacitor

**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:**

No

**Fiig:**

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