

View Online at <https://aerobasegroup.com/nsn/5962-01-381-7627>

**Body Length:**

0.405 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

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

**Features Provided:**

Burn in and electrostatic sensitive and hermetically sealed and high speed and monolithic and tested to mil-std-883

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

4 input

**Design Function And Quantity:**

1 comparator

**Case Outline Source And Designator:**

D-4 mil-m-38510

**Current Rating Per Characteristic:**

80.00 nanoamperes average forward current averaged over a full 60-hz cycle outside diameter

**Terminal Surface Treatment:**

Solder

**Product Name:**

Precision comparator

**Voltage Rating And Type Per Characteristic:**

-18.0 volts power source and 6.0 volts power source

**Time Rating Per Characteristic:**

55.00 nanoseconds response

**Special Features:**

Latch circuit enable input operates only over operating temperature range m55 to p85 degrees c and the logic high v level must be limited to 2.0 to 2.5 v. power rating only to p80 degrees c.

**Test Data Document:**

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

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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