

View Online at <https://aerobasegroup.com/nsn/5962-01-254-5147>

**Body Length:**

0.785 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

0.185 inches

**Maximum Power Dissipation Rating:**

600.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Hermetically sealed and burn in and high speed and w/resistor

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

6 input

**Design Function And Quantity:**

2 comparator, differential

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-7.0 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

18.00 nanoseconds propagation delay time, low to high level output and 18.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Nuclear hardness critical items

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

14933-5962-87516 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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