

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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