

View Online at <https://aerobasegroup.com/nsn/5962-01-372-7418>

Body Length:

Between 0.765 inches and 0.785 inches

Body Width:

Between 0.290 inches and 0.310 inches

Body Height:

Between 0.180 inches and 0.200 inches

Maximum Power Dissipation Rating:

16.4 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

Features Provided:

Burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and radiation hardened and schottky and monolithic and 2-state output and low power and tested to mil-std-883

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Quad 2 input

Criticality Code Justification:

Feat

Design Function And Quantity:

4 gate, nand

Case Outline Source And Designator:

D-1 mil-m-38510

Current Rating Per Characteristic:

15.00 milliamperes output and 110.00 milliamperes output

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, nand gate, quad, 2 input

Voltage Rating And Type Per Characteristic:

4.5 volts total supply and 5.5 volts total supply

Time Rating Per Characteristic:

3.00 nanoseconds propagation delay time, low to high level output and 14.00 nanoseconds propagation delay time, low to high level output

Special Features:

Hci; esd, hermatically sealed

Nuclear Hardness Critical Feature:

Hardened

Test Data Document:

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

Terminal Type And Quantity:

14 printed circuit

Specification Data:

81349-mil-m-38510/370 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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