

View Online at <https://aerobasegroup.com/nsn/5962-01-372-3249>

Body Length:

Between 0.765 inches and 0.785 inches

Body Width:

Between 0.180 inches and 0.200 inches

Body Height:

Between 0.290 inches and 0.310 inches

Maximum Power Dissipation Rating:

22.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Milstar

Features Provided:

Hermetically sealed and burn in, mil-std-883, class b and electrostatic sensitive and low power and monolithic and radiation hardened and schottky 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

Design Function And Quantity:

4 gate, and

Case Outline Source And Designator:

D-1 mil-m-38510

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, and 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, high to low level output and 12.00 nanoseconds propagation delay time, high to low level output and 4.00 nanoseconds propagation delay time, low to high level output and 16.00 nanoseconds propagation delay time, low to high level output

Special Features:

Hci, esd, this item is qpl for 81349-m38510/37401bca

Nuclear Hardness Critical Feature:

Hardened

Test Data Document:

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

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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