

View Online at <https://aerobasegroup.com/nsn/5962-01-231-2422>

Body Length:

0.840 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

0.140 inches

Maximum Power Dissipation Rating:

200.0 milliwatts

Operating Temperature Range:

-55.0 to 125.0 degrees celsius

Storage Temperature Range:

-65.0 to 175.0 degrees celsius

Features Provided:

Hermetically sealed and monolithic and true/complementary

Inclosure Material:

Ceramic and glass

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

Hex 1 input

Criticality Code Justification:

Feat

Design Function And Quantity:

6 buffer, inverting

Case Outline Source And Designator:

D-2 mil-m-38510

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 18.0 volts power source

Time Rating Per Characteristic:

345.00 nanoseconds propagation delay time, low to high level output and 225.00 nanoseconds propagation delay time, high to low level output

Special Features:

Nuclear hardness critical item

Test Data Document:

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

Terminal Type And Quantity:

16 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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