

View Online at <https://aerobasegroup.com/nsn/5962-01-268-7749>

Body Length:

0.785 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

0.140 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

End Application:

C-17a airlifter aircraft. Spruance class dd (963), los angeles class ssn (688), ticonderoga class cg (47), forrestal class cv. Landing craft air cushion (lcac).

Features Provided:

High speed and electrostatic sensitive and burn in

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

Quad 2 input

Criticality Code Justification:

Feat

Design Function And Quantity:

4 gate, nor

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

Time Rating Per Characteristic:

33.00 nanoseconds propagation delay time, low to high level output and 33.00 nanoseconds propagation delay time, high to low level output

Special Features:

Weapon system essential

Test Data Document:

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

Terminal Type And Quantity:

14 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0