

View Online at <https://aerobasegroup.com/nsn/5962-01-349-8255>

Overall Length:

1.060 inches

Overall Height:

0.400 inches

Body Length:

1.060 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

Between 0.130 inches and 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:

3-state output and monolithic and w/disable and w/enable

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

10 input

Criticality Code Justification:

Feat

Design Function And Quantity:

8 buffer and 8 driver, line

Case Outline Source And Designator:

D-8 mil-m-38510

Current Rating Per Characteristic:

50.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 6.0 volts power source

Capitance Rating Per Characteristic:

8.00 input picofarads

Time Rating Per Chacteristic:

7.00 nanoseconds propagation delay time, high to low level output and 7.50 nanoseconds propagation delay time, low to high level output

Special Features:

Item must comply with requirements of defense electronics supply center production standard no. L04437; for navy nuclear propulsion plant products only

Test Data Document:

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

Terminal Type And Quantity:

20 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0