

View Online at <https://aerobasegroup.com/nsn/5962-01-358-9074>

Body Length:

Between 0.342 inches and 0.348 inches

Body Width:

Between 0.342 inches and 0.358 inches

Body Height:

Between 0.060 inches and 0.100 inches

Maximum Power Dissipation Rating:

300.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

Features Provided:

High speed and w/disable and w/enable and monolithic

Inclosure Material:

Ceramic

Inclosure Configuration:

Leadless flat pack

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

10 input

Criticality Code Justification:

Feat

Design Function And Quantity:

8 buffer, tri-state

Case Outline Source And Designator:

C-2 mil-m-38510

Current Rating Per Characteristic:

35.00 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 7.0 volts power source

Capitance Rating Per Characteristic:

10.00 input pascal industrial light tank stock

Time Rating Per Characteristic:

35.00 nanoseconds propagation delay time, high to low level output and 35.00 nanoseconds propagation delay time, low to high 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:

20 leadless

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0