

View Online at <https://aerobasegroup.com/nsn/5962-01-417-6395>

Body Length:

Between 0.342 inches and 0.358 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:

77.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

F-16

Features Provided:

Bipolar and burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and low power and monolithic and schottky and tested to mil-std-883 and w/open collector

Inclosure Material:

Ceramic

Inclosure Configuration:

Leadless flat pack

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

6 input

Criticality Code Justification:

Cbbl

Design Function And Quantity:

6 buffer, noninverting

Case Outline Source And Designator:

C-2 mil-m-38510

Current Rating Per Characteristic:

14.00 milliamperes reverse current, dc absolute and -0.10 milliamperes reverse current, dc microamperes

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, bipolar advanced low power schottky, ttl, hex noninverting buffers, monolithic silicon

Voltage Rating And Type Per Characteristic:

-1.5 volts input and 7.0 volts input and -0.5 volts power source and 7.0 volts power source

Time Rating Per Characteristic:

5.00 nanoseconds propagation delay time, low to high level output and 35.00 nanoseconds propagation delay time, low to high level output and 2.00 nanoseconds propagation delay time, high to low level output and 14.00 nanoseconds propagation delay time, high to low level output

Test Data Document:

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

Terminal Type And Quantity:

20 leadless

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A458a0