

View Online at <https://aerobasegroup.com/nsn/5962-01-521-1584>

Body Length:

1.060 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

0.185 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

End Application:

Eurofighter 2000

Features Provided:

Hermetically sealed and burn in and 3-state output and high speed and monolithic

Inclosure Material:

Ceramic

Inclosure Configuration:

Flat pack

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

10 input

Design Function And Quantity:

8 buffer, tri-state

Case Outline Source And Designator:

F-9 mil-m-38510

Current Rating Per Characteristic:

35.00 milliamperes forward current, peak total value not applicable

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source

Time Rating Per Characteristic:

27.00 nanoseconds propagation delay time, low to high level output and 27.00 nanoseconds propagation delay time, high to low level output

Terminal Type And Quantity:

16 printed circuit

Specification Data:

81349-mil-m-38510/657 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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