

View Online at <https://aerobasegroup.com/nsn/5962-01-419-5575>

Body Length:

0.875 inches

Body Width:

0.250 inches

Maximum Power Dissipation Rating:

400.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Pacer dawn

Features Provided:

Electrostatic sensitive and monolithic and electrostatic sensitive and hermetically sealed and burn in and w/enable and positive outputs

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Input Circuit Pattern:

8 input and 8 channel

Criticality Code Justification:

Cbbl

Design Function And Quantity:

1 multiplexer/demultiplexer, cmos

Case Outline Source And Designator:

D-2 mil-m-38510

Current Rating Per Characteristic:

12.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter minor

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, linear, cmos/analog multiplexers/demultiplexers, 8-channel, monolithic silicon, positive logic

Voltage Rating And Type Per Characteristic:

32.0 volts total supply

Time Rating Per Characteristic:

1000.00 nanoseconds propagation delay time, high to low level output and 1000.00 nanoseconds propagation delay time, low to high level output

Special Features:

4selected item selected from 34371 19007bear2497; meets requirements of m38510/19007bea except charge injection parameter shall be less than 5 pico-coulombs which would result in a charge transfer error of 0.5 mv at pin 8 with a 0.01uf capacitor

Test Data Document:

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

Terminal Type And Quantity:

16 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A458a0