

View Online at <https://aerobasegroup.com/nsn/5962-01-372-3911>

Body Length:

Between 0.820 inches and 0.840 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

Between 0.180 inches and 0.200 inches

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Milstar

Features Provided:

Burn in, mil-std-883, class b and electrostatic sensitive and fast carry and hermetically sealed and radiation hardened and tested to mil-std-883

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

9 input

Criticality Code Justification:

Feat and cbbl

Design Function And Quantity:

1 adder, full, binary

Case Outline Source And Designator:

D-2 mil-m-38510

Current Rating Per Characteristic:

160.00 microamperes reverse current, dc absolute

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit 4-bit binary full adder; microcircuit, rescreened

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 6.0 volts power source

Time Rating Per Characteristic:

18.20 nanoseconds propagation delay

Memory Capacity:

4 bit

Special Features:

Selected item made from 205-1001-020 cage 95105, rescreened per 995-9501-020 cage 95105, is cd54act283f/3a cage 34371

Nuclear Hardness Critical Feature:

Hardened

Special Test Features:

Selected and tested for radiation hardness

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:

Yes - demil/mli

Fig:

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