

View Online at <https://aerobasegroup.com/nsn/5962-01-373-5187>

Body Length:

0.350 inches

Body Width:

0.350 inches

Body Height:

0.100 inches

Maximum Power Dissipation Rating:

500.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Milstar

Features Provided:

Electrostatic sensitive and monolithic and radiation hardened and tested to mil-std-883

Inclosure Material:

Ceramic

Inclosure Configuration:

Leaded chip carrier

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

Quad 2 input

Criticality Code Justification:

Feat

Design Function And Quantity:

1 gate, nand

Case Outline Source And Designator:

2-a mil-m-38510

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, nand gate

Voltage Rating And Type Per Characteristic:

0.5 volts total supply and 6.0 volts total supply

Special Features:

Esd, hci; positive logic, selected item using 54ac00lmqb, 5962-87549012a; to be used in m-3051 military rubidium oscillator

Test Data Document:

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

Terminal Type And Quantity:

20 leadless

Specification Data:

81349--38510/75001b2a government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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