

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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