

View Online at <https://aerobasegroup.com/nsn/5962-01-369-9720>

**Body Length:**

Between 0.370 inches and 0.390 inches

**Body Width:**

Between 0.240 inches and 0.260 inches

**Body Height:**

Between 0.065 inches and 0.085 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:**

Weapon system processor

**Features Provided:**

Burn in, mil-std-883, class b and electrostatic sensitive and monolithic and schottky and radiation hardened and tested to mil-std-883

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Quad 2 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

4 gate, nor

**Case Outline Source And Designator:**

F-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital-advanced cmos and advanced schottke logic

**Voltage Rating And Type Per Characteristic:**

3.0 volts total supply and 5.5 volts total supply

**Special Features:**

Hcp process; 27014/54ac02fmqb (which is 67268/5962-8761201da or 81349/m38510/75101bda) was tested and met thehci criteria; quad 2-input nor gate

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

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

**Terminal Type And Quantity:**

14 beam lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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