

View Online at <https://aerobasegroup.com/nsn/5962-01-344-0902>

**Overall Length:**

Between 0.342 inches and 0.358 inches

**Overall Height:**

Between 0.060 inches and 0.100 inches

**Overall Width:**

Between 0.342 inches and 0.358 inches

**Body Length:**

Between 0.342 inches and 0.358 inches

**Body Width:**

Between 0.342 inches and 0.358 inches

**Body Height:**

Between 0.060 inches and 0.100 inches

**Maximum Power Dissipation Rating:**

214.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Fast carry and low power and schottky and monolithic

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

9 input

**Design Function And Quantity:**

1 adder, full, binary

**Case Outline Source And Designator:**

C-2 mil-m-38510

**Current Rating Per Characteristic:**

39.00 milliamperes supply

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

39.00 nanoseconds propagation delay time, high to low level output and 39.00 nanoseconds propagation delay time, low to high level output

**Test Data Document:**

81349-mil-m-38510 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical" "average" "" etc.)

**Terminal Type And Quantity:**

20 leadless

**Specification Data:**

81349-mil-m-38510/312 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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