

View Online at <https://aerobasegroup.com/nsn/5962-01-043-4720>

**Body Length:**

0.390 inches

**Body Width:**

Between 0.235 inches and 0.260 inches

**Body Height:**

Between 0.045 inches and 0.085 inches

**Maximum Power Dissipation Rating:**

340.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and expandable

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

4 wide 2 input

**Design Function And Quantity:**

1 gate, and-or invert

**Case Outline Source And Designator:**

F-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

5.5 volts power source

**Time Rating Per Characteristic:**

3.00 nanoseconds propagation delay time, low to high level output and 30.00 nanoseconds propagation delay time, low to high level output and 3.00 nanoseconds propagation delay time, high to low level output and 24.00 nanoseconds propagation delay time, high to low 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:**

14 flat leads

**Specification Data:**

81349-mil-m-38510/5 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

Yes - demil/mli

**Fiig:**

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