

View Online at <https://aerobasegroup.com/nsn/5962-01-039-0017>

**Body Length:**

0.280 inches

**Body Width:**

Between 0.240 inches and 0.260 inches

**Body Height:**

Between 0.030 inches and 0.085 inches

**Maximum Power Dissipation Rating:**

16.0 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 w/totem pole output and low power

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Quad 2 input

**Design Function And Quantity:**

4 gate, nand

**Case Outline Source And Designator:**

F-1 mil-m-38510

**Terminal Surface Treatment:**

Gold

**Voltage Rating And Type Per Characteristic:**

0.0 volts power source and 6.0 volts power source

**Time Rating Per Characteristic:**

3.00 nanoseconds propagation delay time, low to high level output and 90.00 nanoseconds propagation delay time, low to high level output and 3.00 nanoseconds propagation delay time, high to low level output and 140.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Fan-out qty: 10

**Precious Material And Location:**

Terminals gold

**Precious Material:**

Gold

**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:**

**Specification Data:**

81349-mil-m-38510/20 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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