

View Online at <https://aerobasegroup.com/nsn/5962-01-037-4536>

**Overall Length:**

0.326 inches

**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:**

36.6 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Navigation-display set type an/asn-124 fscm 35351

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and low power and schottky and w/totem pole output and electrostatic sensitive

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Hex 1 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

6 inverter, digital

**Case Outline Source And Designator:**

F-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Product Name:**

Hex, 1-input inverter gate

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source and -1.5 volts input and 5.5 volts input

**Time Rating Per Characteristic:**

2.00 nanoseconds propagation delay time, low to high level output and 20.00 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:**

14 flat leads

**Specification Data:**

81349-mil-m-38510/300 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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