

View Online at <https://aerobasegroup.com/nsn/5962-01-240-5631>

**Body Length:**

1.060 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

0.200 inches

**Maximum Power Dissipation Rating:**

170.5 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Electrostatic sensitive

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

10 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

8 flip-flop, d-type

**Case Outline Source And Designator:**

D-8 mil-m-38510

**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:**

15.00 nanoseconds propagation delay time, low to high level output and 18.00 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:**

20 printed circuit

**Specification Data:**

81349-mil-m-38510/372 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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