

View Online at <https://aerobasegroup.com/nsn/5962-00-264-3560>

**Body Length:**

0.796 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.140 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

9.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Missile all-weather anti-ship harpoo (agm-84), test consoles mini-sace, support equipment mx peacekeeper missile, helicopter search and rescue hh-60h, engine for aircraft tf-39-ge-1(c-5a), sonar acoustic miscellaneous, ticonderoga class cg(47), helicopter carrier based asw sh-60f, los angeles class ssn(688)

**Features Provided:**

Hermetically sealed and monolithic and low power and positive outputs and resettable and w/clear

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Dual 4 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 flip-flop, r-s, master slave

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

6.0 volts power source

**Time Rating Per Characteristic:**

10.00 nanoseconds propagation delay time, low to high level output and 125.00 nanoseconds propagation delay time, low to high level output

**Special Features:**

Weapons system essential

**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.)

**Specification Data:**

81349-mil-m-38510/21a government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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