

View Online at <https://aerobasegroup.com/nsn/5962-00-333-8323>

**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:**

296.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Helicopter, advance attack, ah-1w; helicopter, uscg search and rescue, hh-60j; helicopter, search and rescue, hh-60h; sturgeon class ssn (637); aircraft, c-2a (reprocured); helicopter, mh-53e; ticonderoga class cg (47); helicopter, carrier based asw, sh-60f; los angeles class ssn (688)

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and edge triggered and high speed and w/enable 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:**

2 flip-flop, j-k, clocked

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-1.5 volts power source and 5.5 volts power source

**Special Features:**

Weapon 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.).

**Terminal Type And Quantity:**

14 printed circuit

**Specification Data:**

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0