

View Online at <https://aerobasegroup.com/nsn/5962-00-369-7641>

**Body Length:**

0.840 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:**

500.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Test station, oq-29 (v)msm; support equipment, b-52 aircraft; an/sqq-34 carrier based asw module; radar, series an/sps-49(v); support equipment, b-1 aircraft; fire control system, missile mk 74 (fcs); countermeasure set, an/slq-32; test consoles, mini-sace; communications terminal, satellite an/gsc-39(v) 1; trainer, b-1 aircraft

**Features Provided:**

Hermetically sealed and asynchronous and edge triggered and monolithic and positive outputs and presettable and programmable and w/clear and w/enable

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

9 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 counter, binary

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

7.0 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:**

16 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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