

View Online at <https://aerobasegroup.com/nsn/5962-01-043-1644>

**Body Length:**

0.390 inches

**Body Width:**

Between 0.235 inches and 0.260 inches

**Body Height:**

Between 0.045 inches and 0.085 inches

**Maximum Power Dissipation Rating:**

231.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Helicopter, carrier based asw, sh-60f; aircraft, viking s-3b; aircraft, hawkeye e-2c; aircraft, eagle f-15; submarine (ssn) fire control sys; aircraft, f-16; missile, patriot; submarine armament and fire control systems; los angeles class ssn (688); aircraft, stratofortress b-52

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and high speed and schottky and w/totem pole output

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Triple 3 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

3 gate, and

**Case Outline Source And Designator:**

F-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

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 flat leads

**Specification Data:**

81349-mil-m-38510/80 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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