

View Online at <https://aerobasegroup.com/nsn/5962-00-430-2600>

**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:**

268.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Missile, air-to-air sparrow (aim-7); missile, all-weather antiship, harpoon (agm-84); missile, air intercept, sidewinder (aim-9); support equipment, b-1 aircraft; close in weapon system (ciws-phalanx); radio transmitter set, an/urt-23 (rts);

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and edge triggered

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

6 input

**Criticality Code Justification:**

Feat

**Case Outline Source And Designator:**

D-1 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 printed circuit

**Specification Data:**

81349-mil-m-38510/13 government specification

**Shelf Life:**

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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