

View Online at <https://aerobasegroup.com/nsn/5962-01-316-5950>

**Overall Length:**

0.358 inches

**Overall Height:**

0.100 inches

**Overall Width:**

0.358 inches

**Body Length:**

0.358 inches

**Body Width:**

0.358 inches

**Body Height:**

0.088 inches

**Maximum Power Dissipation Rating:**

6.1 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Aircraft, hawkkeye e-2c; aircraft, harrier av-8b; missile, advanced medium range air-to-air (amraam)/aim120a

**Features Provided:**

Burn in and bipolar and low power and monolithic and schottky

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Triple 3 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

3 gate, nand

**Case Outline Source And Designator:**

C-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:**

20 leadless

**Specification Data:**

81349-mil-m-38510/300 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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