

View Online at <https://aerobasegroup.com/nsn/5962-01-171-2151>

**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:**

400.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**End Application:**

Missile, tomahawk; countermeasure set, an/slq-32; missile, air-to-air, sparrow (aim-7); torpedo, mk 48; radar, series an/sps-4 (v); test station, oq-290(v)msm; missile, air-to-air, phoenix (aim-54); close in weapon system (ciws-phalanx) ; support equipment, b-1 aircraft

**Features Provided:**

Monolithic

**Inclosure Material:**

Silicon

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Quad 2 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

4 buffer, nand

**Product Name:**

Quadruple, 2-input positive nand buffer

**Voltage Rating And Type Per Characteristic:**

7.0 volts power source and -0.5 volts power source and 5.5 volts input and -1.5 volts input

**Special Features:**

Max pwr is 100 mw per buffer and weapon system essential

**Test Data Document:**

81349-mil-m-38510/3 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 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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