

View Online at <https://aerobasegroup.com/nsn/5962-01-295-2344>

**Overall Length:**

0.785 inches

**Overall Height:**

0.400 inches

**Overall Width:**

0.320 inches

**Body Length:**

0.785 inches

**Body Width:**

0.310 inches

**Body Height:**

0.140 inches

**Maximum Power Dissipation Rating:**

200.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+175.0 degrees celsius

**Features Provided:**

Monolithic and radiation hardened

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Dual 4 input

**Design Function And Quantity:**

1 gate, nor

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Current Rating Per Characteristic:**

10.00 milliamperes forward current, nonrepetitive, peak total value microamperes

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

15.5 volts power source

**Nuclear Hardness Critical Feature:**

Hardened

**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-38510/52 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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