

View Online at <https://aerobasegroup.com/nsn/5962-01-293-1173>

**Overall Length:**

0.840 inches

**Overall Height:**

0.400 inches

**Overall Width:**

0.320 inches

**Body Length:**

0.840 inches

**Body Width:**

0.310 inches

**Body Height:**

0.140 inches

**Maximum Power Dissipation Rating:**

300.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

High speed and monolithic

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

7 input

**Design Function And Quantity:**

1 decoder, three to eight line

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Current Rating Per Characteristic:**

50.00 milliamperes forward current, nonrepetitive, peak total value

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

7.0 volts power source

**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:**

16 printed circuit

**Specification Data:**

81349-mil-m-38510/658 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0