

View Online at <https://aerobasegroup.com/nsn/5962-01-445-2083>

**Body Length:**

1.060 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

0.200 inches

**Maximum Power Dissipation Rating:**

2.0 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

F-15i

**Features Provided:**

Bipolar and burn in, mil-std-883, class b and hermetically sealed and monolithic and electrostatic sensitive and programmed and tested to mil-std-883 and inverted output

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

16 input

**Criticality Code Justification:**

Cbbl

**Case Outline Source And Designator:**

D-8 mil-m-38510

**Current Rating Per Characteristic:**

1.00 milliamperes reverse current, dc microamperes and 180.00 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, bipolar, programmable array logic

**Voltage Rating And Type Per Characteristic:**

-1.5 volts input and 12.0 volts input and -0.5 volts power source and 12.0 volts power source

**Time Rating Per Characteristic:**

30.00 nanoseconds input to output access

**Memory Device Type:**

Pal

**Special Features:**

Altered item programmed using 81349 m38510/50401brx or 67268 8103607rx using vdd0179-01.00

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

20 printed circuit

**Specification Data:**

81349-mil-m-38510/504 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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