

View Online at <https://aerobasegroup.com/nsn/5962-01-346-3069>

**Overall Length:**

2.096 inches

**Overall Height:**

0.425 inches

**Body Length:**

2.096 inches

**Body Width:**

Between 0.510 inches and 0.620 inches

**Body Height:**

Between 0.155 inches and 0.210 inches

**Maximum Power Dissipation Rating:**

3.0 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Hermetically sealed and burn in and positive outputs

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

N-type metal oxide-semiconductor logic

**Input Circuit Pattern:**

31 input

**Criticality Code Justification:**

Zzzy

**Design Function And Quantity:**

1 processor, input/output

**Case Outline Source And Designator:**

D-5 mil-m-38510

**Current Rating Per Characteristic:**

600.00 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Solder

**Product Name:**

Numeric data processor

**Voltage Rating And Type Per Characteristic:**

-1.0 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

110.00 nanoseconds delay

**Special Features:**

Item must comply with requirements of defense supply center columbus production standard no. Lo4419

**Test Data Document:**

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

**Terminal Type And Quantity:**

40 printed circuit

**Reference Number Differentiating Characteristics:**

Breference number differentiating material will be in accordance with naval inventory control point activity hx quality control. Manufacturing and testing specifications available at the dla icp.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0