

View Online at <https://aerobasegroup.com/nsn/5962-01-370-6614>

**Body Length:**

2.096 inches

**Body Width:**

Between 0.510 inches and 0.620 inches

**Body Height:**

0.210 inches

**Maximum Power Dissipation Rating:**

0.4 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Electrostatic sensitive and bidirectional and w/clock and w/disable and monolithic

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

18 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 processor, input

**Case Outline Source And Designator:**

D-5 mil-m-38510

**Current Rating Per Characteristic:**

65.00 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Solder

**Product Name:**

Digital signal processor

**Voltage Rating And Type Per Characteristic:**

-0.3 volts power source and 7.0 volts power source

**Capitance Rating Per Characteristic:**

25.00 input picofarads and 25.00 output picofarads

**Special Features:**

Nuclear hardness critical item

**Test Data Document:**

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

**Terminal Type And Quantity:**

40 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0