

View Online at <https://aerobasegroup.com/nsn/5962-01-357-4794>

**Body Length:**

0.960 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.130 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

1.0 watts

**Operating Temperature Range:**

-55.0 to 125.0 degrees celsius

**Storage Temperature Range:**

-65.0 to 150.0 degrees celsius

**Features Provided:**

Hermetically sealed and burn in and monolithic and positive outputs

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

6 input

**Design Function And Quantity:**

1 converter, analog to digital

**Case Outline Source And Designator:**

D-6 mil-m-38510

**Current Rating Per Characteristic:**

25.00 milliamperes supply

**Terminal Surface Treatment:**

Solder

**Product Name:**

6-bit video a/d converter

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Capitance Rating Per Characteristic:**

30.00 input picofarads

**Time Rating Per Characteristic:**

15.00 nanoseconds delay

**Test Data Document:**

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

**Terminal Type And Quantity:**

18 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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