

View Online at <https://aerobasegroup.com/nsn/5962-01-118-0615>

**Body Length:**

0.840 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.140 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

600.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

An/apr-144 99971

**Features Provided:**

Hermetically sealed and monolithic and positive outputs

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

7 input

**Design Function And Quantity:**

1 converter, analog to digital

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Time Rating Per Characteristic:**

17.00 nanoseconds propagation delay time, low to high level output and 17.00 nanoseconds propagation delay time, high to low level output

**Test Data Document:**

99971-7543099 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0