

View Online at <https://aerobasegroup.com/nsn/5962-01-302-0499>

**Body Length:**

1.490 inches

**Body Width:**

Between 0.500 inches and 0.610 inches

**Body Height:**

Between 0.172 inches and 0.217 inches

**Maximum Power Dissipation Rating:**

700.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Receiver set, infrared warning an/aar-44; aircraft, b-2 bomber (atb); forrestal class cv; meterological equipment; nimitz class cvn; blue ridge class lcc-19; tarawa class lha; aircraft, ac-130h, mc-130h, ec-130e, hc-130; wasp class lha; aircraft, viking s-3b; aircraft, hornet f/a-18

**Features Provided:**

Hermetically sealed and burn in and w/enable and w/clock and w/reset

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

15 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 control

**Case Outline Source And Designator:**

D-10 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

7.0 volts power source

**Time Rating Per Characteristic:**

70.00 nanoseconds propagation delay time, low to high level output and 70.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Weapon system essential

**Test Data Document:**

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

**Terminal Type And Quantity:**

26 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0