

View Online at <https://aerobasegroup.com/nsn/5962-01-352-0996>

**Overall Height:**

0.400 inches

**Body Length:**

1.280 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:**

1.2 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Arleigh burke class ddg; ticonderoga class cg (47); spruance class dd (963); tactical satellite communications system an/usc-38; tarawa class lha; wasp class lhd; forrestal class cv; nimitz class cvn; austin ship class lpd-4 amphibious transport docks; los angeles class ssn (688)

**Features Provided:**

Hermetically sealed and burn in and monolithic and programmed

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

20 input

**Criticality Code Justification:**

Feat

**Case Outline Source And Designator:**

D-9 mil-m-38510

**Current Rating Per Characteristic:**

210.00 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 12.0 volts power source

**Time Rating Per Characteristic:**

30.00 nanoseconds delay

**Memory Device Type:**

Pal

**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:**

24 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0