

View Online at <https://aerobasegroup.com/nsn/5962-01-255-0368>

**Body Length:**

0.520 inches

**Body Width:**

0.285 inches

**Body Height:**

0.085 inches

**Maximum Power Dissipation Rating:**

176.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

3an/fps-124 unattended radar (uar), nimitz class cvn, tarawa class lha, submarine acoustic sonar systems, aircraft, b-2 bomber (atb), sonar, an/bsy- (v) , joint stars target radar system, forrestal class cv, wasp class lhd, emory s. Land class as

**Features Provided:**

Schottky and monolithic and electrostatic sensitive

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

17 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 comparator

**Case Outline Source And Designator:**

F-9 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

7.0 volts power source

**Time Rating Per Characteristic:**

15.00 nanoseconds propagation delay time, low to high level output and 15.00 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:**

20 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0