

View Online at <https://aerobasegroup.com/nsn/5962-01-243-4480>

**Body Length:**

0.785 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

0.185 inches

**Maximum Power Dissipation Rating:**

750.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Transmitter, cou an/mlq-t4; avenger class mcm; tarawa class lha; wasp class lhd; emory s. Land class as; osprey class mhc; nimitz class cvn; forrestal class cv; 2m/ate microminature automatic test equipment; aircraft, airlifter c-17a

**Features Provided:**

Hermetically sealed and burn in and monolithic and positive outputs

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

2 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 phase locked loop

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

4.5 volts total supply and 20.0 volts total supply

**Special Features:**

Weapon system essential

**Test Data Document:**

96909-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0