

View Online at <https://aerobasegroup.com/nsn/5962-01-351-4967>

**Overall Length:**

1.060 inches

**Overall Height:**

0.400 inches

**Body Length:**

1.060 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.130 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

300.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Satellite communications terminal an/usc-3 (v) 1

**Features Provided:**

High impedance and monolithic and w/clock and w/enable and w/disable and electrostatic sensitive

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

12 input

**Case Outline Source And Designator:**

D-8 mil-m-38510

**Current Rating Per Characteristic:**

50.00 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Solder

**Product Name:**

Pal pre-synchronizer

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 12.0 volts power source

**Time Rating Per Characteristic:**

75.00 nanoseconds propagation delay time, high to low level output and 75.00 nanoseconds propagation delay time, low to high level output

**Memory Device Type:**

Pal

**Test Data Document:**

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

**Terminal Type And Quantity:**

20 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0