

View Online at <https://aerobasegroup.com/nsn/5962-01-350-8780>

**Overall Height:**

0.400 inches

**Overall Width:**

Between 0.290 inches and 0.320 inches

**Body Length:**

32.51 millimeters

**Body Width:**

Between 5.59 millimeters and 7.87 millimeters

**Body Height:**

4.40 millimeters

**Maximum Power Dissipation Rating:**

500.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

6605-01-318-5607; aircraft, hornet f/a-18; aircraft, tomcat f-14; consolidated automated support system (cass); aircraft, viking s-3b; aircraft,

**Features Provided:**

Burn in and high performance and monolithic

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

11 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

10 register

**Case Outline Source And Designator:**

D-9 mil-m-38510

**Current Rating Per Characteristic:**

48.00 milliamperes forward current, nonrepetitive, peak total value absolute

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, 10-wide bus interface register

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**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