

View Online at <https://aerobasegroup.com/nsn/5962-01-237-7384>

**Body Length:**

0.785 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

0.140 inches

**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

**Features Provided:**

Hermetically sealed and monolithic and high speed

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Quad 2 input

**Design Function And Quantity:**

4 gate, exclusive or

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Current Rating Per Characteristic:**

-25.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter and 25.00 milliamperes reverse current, dc

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

2.0 volts power source and 6.0 volts power source

**Time Rating Per Characteristic:**

180.00 nanoseconds propagation delay time, low to high level output and 180.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Nuclear hardness critical items

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

96906-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:**

No

**Fiig:**

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