

View Online at <https://aerobasegroup.com/nsn/5962-01-245-3438>

**Body Length:**

0.750 inches

**Body Width:**

0.250 inches

**Body Height:**

0.185 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 burn in and monolithic and high speed and electrostatic sensitive

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Hi-performance mos

**Input Circuit Pattern:**

Hex 1 input

**Design Function And Quantity:**

6 schmitt trigger

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

7.0 volts power source

**Special Features:**

Nuclear hardness critical items

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

14933-84091 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0