

View Online at <https://aerobasegroup.com/nsn/5962-01-215-8109>

**Body Length:**

0.390 inches

**Body Width:**

Between 0.235 inches and 0.260 inches

**Body Height:**

Between 0.045 inches and 0.085 inches

**Maximum Power Dissipation Rating:**

40.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Ws-133, minuteman missile

**Features Provided:**

Radiation hardened and hermetically sealed and monolithic and electrostatic sensitive and burn in and bipolar

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

1 input

**Design Function And Quantity:**

6 gate, inverting

**Case Outline Source And Designator:**

F-2 mil-m-38510

**Product Name:**

Microcircuits, digital, bipolar ttl, hex, 1-input inverter gate, monolithic silicon

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Special Features:**

Esd & hci

**Nuclear Hardness Critical Feature:**

Hardened

**Supplementary Features:**

Selected from m38510/00105bda

**Terminal Type And Quantity:**

14 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0