

View Online at <https://aerobasegroup.com/nsn/5962-01-370-1452>

**Body Length:**

Between 0.370 inches and 0.390 inches

**Body Width:**

Between 0.245 inches and 0.270 inches

**Body Height:**

Between 0.065 inches and 0.080 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

**End Application:**

Weapon sys processor

**Features Provided:**

Monolithic and radiation hardened

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Hex 1 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

6 buffer, inverting

**Case Outline Source And Designator:**

F-2 mil-m-38510

**Product Name:**

Mckt, digital-advanced cmos and advanced schottky logic

**Voltage Rating And Type Per Characteristic:**

3.0 volts total supply and 5.5 volts total supply

**Special Features:**

Esd; hci. Item should be selected not source control. Item is actually mil-spec item m38510/75701. Mckt dgtl advanced cmos, buffer gates, positive logic. Device type 01-hex inverter

**Nuclear Hardness Critical Feature:**

Hardened

**Terminal Type And Quantity:**

14 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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