

View Online at <https://aerobasegroup.com/nsn/5962-01-351-6213>

**Overall Length:**

0.840 inches

**Overall Height:**

0.400 inches

**Body Length:**

0.840 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.140 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

400.0 milliwatts

**Operating Temperature Range:**

-55.0 to 125.0 degrees celsius

**Storage Temperature Range:**

-65.0 to 150.0 degrees celsius

**End Application:**

Satellite communications terminal an/usc-3 (v) 1

**Features Provided:**

Hermetically sealed and monolithic and w/resistor

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

8 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 converter, digital to analog

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Current Rating Per Characteristic:**

3.80 milliamperes supply

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

36.0 volts power source

**Time Rating Per Characteristic:**

60.00 nanoseconds propagation delay time, high to low level output and 60.00 nanoseconds propagation delay time, low to high level output

**Special Features:**

Nuclear hardness critical item

**Terminal Type And Quantity:**

16 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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