

View Online at <https://aerobasegroup.com/nsn/5962-01-351-5740>

**Overall Length:**

1.060 inches

**Overall Height:**

0.400 inches

**Body Length:**

1.060 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.130 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

1.0 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Satellite communications terminal an/usc-3 (v)1; austin ship class lpd-4 amphibious transport docks; nimitz class cvn; arleigh burke class ddg; ticonderoga class (47); forrestal class cv; tarawa class lha; los angeles class ssn (688); wasp class lhd; spruance class dd (963)

**Features Provided:**

Static operation and hermetically sealed and bidirectional

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

18 input

**Case Outline Source And Designator:**

D-8 mil-m-38510

**Current Rating Per Characteristic:**

50.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

70.00 nanoseconds access

**Memory Device Type:**

Ram

**Special Features:**

Nuclear hardness process item

**Nuclear Hardness Critical Feature:**

Hardened

**Terminal Type And Quantity:**

20 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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