

View Online at <https://aerobasegroup.com/nsn/5962-01-215-0975>

**Body Length:**

1.250 inches

**Body Width:**

0.500 inches

**Body Height:**

0.210 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:**

5820-01-160-9360 control, radio s; aircraft, hercules c-130; aircraft, (ac-130h, mc-130h, ec-130e, hc-130); ballistic missile early warning sys (bmews) ; support equipment, b-1 aircraft; torpedo systems, mk 50; support equi

**Features Provided:**

Hermetically sealed and burn in and monolithic and w/enable and bidirectional

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

N-type metal oxide-semiconductor logic

**Input Circuit Pattern:**

22 input

**Criticality Code Justification:**

Feat

**Case Outline Source And Designator:**

D-3 mil-m-38510

**Current Rating Per Characteristic:**

10.00 milliamperes supply

**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:**

200.00 nanoseconds propagation delay time, low to high level output and 200.00 nanoseconds propagation delay time, high to low level output

**Memory Device Type:**

Ram

**Special Features:**

Weapon system essential

**Test Data Document:**

14933-81039 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:**

24 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0