

View Online at <https://aerobasegroup.com/nsn/5962-01-135-7394>

**Body Length:**

0.440 inches

**Body Width:**

0.285 inches

**Body Height:**

Between 0.045 inches and 0.085 inches

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Tactical air opns module (an/tyq (23)); helicopter, carrier based asw, sh-60f; aircraft, ac-130h, mc-130h, ec-130e, hc-130; aircraft, b-2 bomber (atb); los angeles class ssn (688); sturgeon class ssn (637); torpedo systems mk 50; sonar acoustic miscellaneous; low altitude navigation & targeting infrared systems (lantirn)

**Features Provided:**

High speed and monolithic and w/common enable and 3-state output and w/short circuit protection

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Input Circuit Pattern:**

6 input

**Design Function And Quantity:**

4 driver, line differential

**Case Outline Source And Designator:**

F-2 mil-m-38510

**Current Rating Per Characteristic:**

20.00 microamperes forward current, nonrepetitive, peak total value absolute

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-1.5 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

20.00 nanoseconds propagation delay time, low to high level output and 20.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Nuclear hardness critical items

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

14933-78023 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:**

16 flat leads

**Shelf Life:**

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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