

View Online at <https://aerobasegroup.com/nsn/5962-01-113-9143>

**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:**

600.0 milliwatts

**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); aircraft, ac-130h, mc-130h, ec-130e, hc-130); recency net system (an/trc-179(v), an/frc-180(v), an/grc-215); helicopter, uscg search and rescue, hh-60j; helicopter, search and rescue, hh-60h; landing craft air cushion (lcac); communications systems an/wsc-3); central message switch, an/tyc-39a; helicopter, carrier based asw, sh-60f

**Features Provided:**

Hermetically sealed and w/enable and low power and schottky

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

5 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

4 driver, line differential

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

15.0 volts power source

**Time Rating Per Characteristic:**

300.00 nanoseconds propagation delay time, low to high level output and 300.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Weapon system essential

**Test Data Document:**

13973-839184 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:**

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0