

View Online at <https://aerobasegroup.com/nsn/5962-01-183-9387>

**Body Length:**

0.785 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

0.185 inches

**Maximum Power Dissipation Rating:**

500.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Aircraft, hawkkeye e-2c; aircraft, tomcat f-14; aircraft, hornet f/a-18; landing craft air cushion (lcac); helicopter, advance attack, ah-1w; helicopter, uscg search and rescue, hh-60j; helicopter, lamps mark iii, sh-60b; apx-100 airborne radar; helicopter, search and rescue, hh-60h; helicopter, carrier based asw, sh-60f

**Features Provided:**

Burn in and hermetically sealed and w/strobe and w/resistor

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

6 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

2 comparator, voltage, differential

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

7.0 volts power source

**Special Features:**

Weapon system essential

**Test Data Document:**

96906-mil-std-883 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:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0