

View Online at <https://aerobasegroup.com/nsn/5962-01-163-7982>

**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

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-55.0/+150.0 degrees celsius

**End Application:**

Radar system an/fps-117

**Features Provided:**

Hermetically sealed and monolithic and negative outputs

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Emitter-coupled logic

**Input Circuit Pattern:**

8 input

**Design Function And Quantity:**

1 detector

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-8.0 volts power source

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

16 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0