

View Online at <https://aerobasegroup.com/nsn/5962-01-155-1507>

**Body Length:**

0.440 inches

**Body Width:**

Between 0.245 inches and 0.285 inches

**Body Height:**

Between 0.045 inches and 0.085 inches

**Maximum Power Dissipation Rating:**

860.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-55.0/+150.0 degrees celsius

**Features Provided:**

Hermetically sealed and monolithic and w/clock

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Emitter-coupled logic

**Input Circuit Pattern:**

8 input

**Design Function And Quantity:**

1 counter, universal

**Case Outline Source And Designator:**

F-5 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

8.0 volts power source

**Time Rating Per Characteristic:**

11.00 nanoseconds propagation delay time, low to high level output and 11.00 nanoseconds propagation delay time, high to low level output

**Test Data Document:**

97942-583r387 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:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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