

View Online at <https://aerobasegroup.com/nsn/5962-01-420-6437>

**Body Length:**

1.280 inches

**Body Width:**

0.310 inches

**Body Height:**

0.200 inches

**Maximum Power Dissipation Rating:**

1.02 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Pacer dawn

**Features Provided:**

Asynchronous and bipolar and burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and monolithic and programmed and tested to mil-std-883

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Bipolar metal-oxide semiconductor

**Input Circuit Pattern:**

14 input

**Criticality Code Justification:**

Cbbl

**Case Outline Source And Designator:**

D-9 mil-m-38510

**Current Rating Per Characteristic:**

-30.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter microamperes and 5.00 milliamperes reverse current, dc microamperes

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, 2k x 8, production i553 extended microcode prom; microcircuit, digital, bipolar, 2k x 8 bit registered prom, monolithic silicon

**Voltage Rating And Type Per Characteristic:**

-0.5 volts input and 5.5 volts input and -0.5 volts power source and 7.0 volts power source

**Capitance Rating Per Characteristic:**

8.00 input picofarads and 15.00 output picofarads

**Time Rating Per Characteristic:**

25.00 nanoseconds af output torr

**Memory Device Type:**

Prom

**Special Features:**

Altered item programmed using 67268 5962-8552702lx iaw pg639700-01

**Test Data Document:**

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

**Terminal Type And Quantity:**

24 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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