

View Online at <https://aerobasegroup.com/nsn/5962-01-420-9587>

**Body Length:**

Between 0.342 inches and 0.358 inches

**Body Width:**

Between 0.342 inches and 0.358 inches

**Body Height:**

Between 0.060 inches and 0.078 inches

**Maximum Power Dissipation Rating:**

1.0 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:**

Burn in, mil-std-883, class b and electrostatic sensitive and monolithic and programmed and tested to mil-std-883

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

16 input

**Criticality Code Justification:**

Cbbl

**Case Outline Source And Designator:**

C-2a mil-m-38510

**Current Rating Per Characteristic:**

24.00 milliamperes reverse current, dc

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, programmed (pal c16r8-20)

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source and -3.0 volts input and 7.0 volts input

**Capitance Rating Per Characteristic:**

7.00 input picofarads and 7.00 output picofarads

**Time Rating Per Characteristic:**

20.00 nanoseconds af output megawatts

**Memory Device Type:**

Pal

**Special Features:**

Altered item programmed using 67268 5962-8871310xa using programming instruction 7816354p806

**Test Data Document:**

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

**Terminal Type And Quantity:**

20 leadless

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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