

View Online at <https://aerobasegroup.com/nsn/5962-01-420-4642>

**Body Length:**

0.358 inches

**Body Width:**

0.358 inches

**Body Height:**

0.100 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:**

Pacer dawn

**Features Provided:**

Burn in and electrostatic sensitive and hermetically sealed and programmed and positive outputs and monolithic

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

10 input

**Criticality Code Justification:**

Cbbl

**Case Outline Source And Designator:**

C-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, programmed (pal 16r8a)

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

25.00 nanoseconds propagation delay time, high to low level output and 25.00 nanoseconds propagation delay time, low to high level output

**Memory Device Type:**

Pal

**Special Features:**

Altered item, made from device p/n 81036082x, cage 67268, microcircuit, memory, programmable logic, monolithic silicon

**Test Data Document:**

96906-mil-std883 standard (includes industry or association standards, individual manufacturer 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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