

View Online at <https://aerobasegroup.com/nsn/5962-01-445-9587>

**Body Length:**

Between 1.040 inches and 1.080 inches

**Body Width:**

Between 1.040 inches and 1.080 inches

**Body Height:**

Between 0.215 inches and 0.345 inches

**Maximum Power Dissipation Rating:**

760.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

F-15i

**Features Provided:**

Burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and monolithic and tested to mil-std-883 and bipolar and 3-state output

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Pin grid array

**Output Logic Form:**

Bipolar metal-oxide semiconductor

**Criticality Code Justification:**

Cbbl

**Case Outline Source And Designator:**

P-pb mil-m-38510

**Current Rating Per Characteristic:**

-40.00 milliamperes collector cutoff current, dc, base open not applicable and -180.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable and -1.00 microamperes collector cutoff current, dc, with specified resistance between base and emitter microamperes and 1.00 microamperes reverse current, dc microamperes

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, memory, digital, bicmos, 512 x 18 x 2 clocked fifo, 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:**

10.50 input picofarads

**Time Rating Per Characteristic:**

1.50 nanoseconds input to output access and 18.00 nanoseconds input to output access

**Memory Device Type:**

First-in first-out

**Special Features:**

Case outline source and designator is mil-std-1835 cmga15-pp; clock speed of 50 mhz; this item has a pin-85 (c3) as an index alignment

**Test Data Document:**

96906-mil-i-38535 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

84 pin

**Specification Data:**

67268-5962-94704 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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