

View Online at <https://aerobasegroup.com/nsn/5962-01-373-5794>

**Body Length:**

0.785 inches

**Body Width:**

0.200 inches

**Body Height:**

0.310 inches

**Maximum Power Dissipation Rating:**

440.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

F16aircombfit e/i fscm 81755

**Features Provided:**

Compatible dtl and monolithic

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Quad 2 input

**Design Function And Quantity:**

4 gate

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Current Rating Per Characteristic:**

-50.00 milliamperes collector cutoff current, dc, base open not applicable and 50.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, advanced cmos, quad 2-input + & gate

**Voltage Rating And Type Per Characteristic:**

-0.5 volts applied and 7.0 volts applied

**Special Features:**

Advanced cmos

**Test Data Document:**

81349-mil-m-38510 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). And 96906-mil-std-883 standard (includes industry or association standards, individual manufacturer standards, etc.).

**Terminal Type And Quantity:**

**Specification Data:**

67268-5962-89547 government standard

**Specification Or Standard:**

02 type and c case and a finish

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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