

View Online at <https://aerobasegroup.com/nsn/5962-01-371-2692>

**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

**Features Provided:**

Compatible dtl and high speed 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 trigger, interface

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Current Rating Per Characteristic:**

-25.00 milliamperes collector cutoff current, dc, base open not applicable and 25.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit digital, high speed cmos, quad 2-input nand schmitt trigger, monolithic

**Voltage Rating And Type Per Characteristic:**

-0.5 volts total supply and 7.0 volts total supply

**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 manufactureer standards, etc.).

**Terminal Type And Quantity:**

14 printed circuit

**Specification Data:**

67268-5962-89845 government standard

**Specification Or Standard:**

01 number and c case and a finish

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

**Fig:**

A458a0