

View Online at <https://aerobasegroup.com/nsn/5962-01-214-1811>

**Body Length:**

0.640 inches

**Body Width:**

Between 0.360 inches and 0.420 inches

**Body Height:**

Between 0.045 inches and 0.090 inches

**Maximum Power Dissipation Rating:**

795.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Monolithic and hermetically sealed and positive outputs

**Inclosure Material:**

Ceramic or metal

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

14 input

**Design Function And Quantity:**

1 arithmetic logic unit and 1 generator, function

**Case Outline Source And Designator:**

F-6 mil-m-38510 or f-8 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

7.0 volts power source

**Test Data Document:**

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

**Terminal Type And Quantity:**

24 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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