

View Online at <https://aerobasegroup.com/nsn/5962-01-374-2033>

**Maximum Power Dissipation Rating:**

0.6 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Valve-selecti e/i fscm 70339

**Features Provided:**

Bipolar and programmed

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

16 input

**Criticality Code Justification:**

Feat

**Case Outline Source And Designator:**

F-9 mil-m-38510

**Current Rating Per Characteristic:**

-2.00 milliamperes collector cutoff current, dc, emitter open universal and 12.00 milliamperes collector cutoff current, dc, emitter open megawatts

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit memory, 16-input 8-output and-or invert gate array

**Voltage Rating And Type Per Characteristic:**

-0.5 volts total supply and 7.0 volts total supply

**Memory Device Type:**

Pal

**Hybrid Technology Type:**

Monolithic

**Special Features:**

Nuclear hardness critical item

**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:**

20 printed circuit

**Specification Data:**

**Departure From Cited Designator:**

Altered by programming, testing & marking

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0