

View Online at <https://aerobasegroup.com/nsn/5962-01-083-0469>

**Body Length:**

0.440 inches

**Body Width:**

Between 0.245 inches and 0.285 inches

**Body Height:**

Between 0.045 inches and 0.085 inches

**Maximum Power Dissipation Rating:**

200.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+175.0 degrees celsius

**End Application:**

Aircraft, hornet f/a-18; aircraft, f-16; aircraft, airlifter c-17a; wasp class lhd; aircraft, galaxy c-5; f414 engine (f/a-18 f & g aircraft); aircraft, starlifter c-141

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and true/complementary

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Hex 1 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

6 buffer, inverting

**Case Outline Source And Designator:**

F-5 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

15.5 volts power source

**Time Rating Per Characteristic:**

345.00 nanoseconds propagation delay time, low to high level output and 225.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Weapon system essential

**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.).

**Terminal Type And Quantity:**

**Specification Data:**

81349-mil-m-38510/55 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0