

View Online at <https://aerobasegroup.com/nsn/5962-01-102-7611>

**Body Length:**

0.785 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.140 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

297.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Support equipment, b-1 aircraft; los angeles class ssn (688); radar, series an/sps-49 (v); trainer, b-1b aircraft; consolidated space operations center; helicopter, uscg search and rescue, hh-60j; helicopter, search and rescue, hh-60h; aircraft, ac-130h, mc-130h, ec-130e, hc-130; helicopter, carrier based asw, sh-60f

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and low power and schottky and 3-state output

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Quad 2 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

4 transceiver

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

25.00 nanoseconds propagation delay time, low to high level output and 30.00 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.)

**Specification Data:**

81349-mil-m-38510/328 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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