

View Online at <https://aerobasegroup.com/nsn/5962-00-584-3996>

**Body Length:**

0.896 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:**

400.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Engine, aircraft ff33-pw-102 (c-135e, ec-135h/k/p); countermeasure set an/slq-32; trainer, b-1b aircraft; test station, oq-29 (v)msm; missile, tomahawk; support equipment, b-1 aircraft; support equipment, b-52 aircraft; missile, air-to-air, phoenix (aim-54); aircraft, (ac-130h, mc-130h, ec-130e, h

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

Dual 5 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

2 receiver, line differential

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-20.0 volts power source and 20.0 volts power source

**Time Rating Per Characteristic:**

75.00 nanoseconds propagation delay time, low to high level output and 75.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Weapon system essential; design analysis

**Nuclear Hardness Critical Feature:**

Hardened

**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:**

16 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0