

View Online at <https://aerobasegroup.com/nsn/5962-01-033-2276>

**Body Length:**

Between 0.745 inches and 0.770 inches

**Body Width:**

Between 0.240 inches and 0.260 inches

**Body Height:**

Between 0.095 inches and 0.140 inches

**Maximum Power Dissipation Rating:**

500.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+175.0 degrees celsius

**End Application:**

Wsd: aircraft, hercules c-130; ship, ohio class ssn (trident); support equipment, b-1 aircraft; support equipment, mx peacekeeper missile; aircraft, galaxy c-5; consolidated space operations center; aircraft, starlifter c-141; wasp class lhd; nimitz class cvn

**Features Provided:**

Hermetically sealed and monolithic and positive outputs

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Quad 2 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

4 gate, nor

**Case Outline Source And Designator:**

-0-001-ad joint electron device engineering council

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 20.5 volts power source

**Time Rating Per Characteristic:**

120.00 nanoseconds propagation delay time, low to high level output

**Special Features:**

Weapon system essential

**Test Data Document:**

81349-mil-std-883 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:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0