

View Online at <https://aerobasegroup.com/nsn/5962-00-632-8273>

**Body Length:**

Between 0.660 inches and 0.785 inches

**Body Width:**

Between 0.220 inches and 0.280 inches

**Body Height:**

Between 0.140 inches and 0.180 inches

**Maximum Power Dissipation Rating:**

43.9 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Pave phased array warning sys (paws); aircraft, viking s-3b; submarine communications and antenna systems; aircraft, awacs, e-3a; oliver perry class ffg; strategic weapon systems (poseidon and trident); integrated underwater surveillance systems; aircraft, eagle f-15; aircraft, tomcat f-14; los angeles class ssn (688)

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and low power and w/totem pole output

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Dual 2 wide 2-3 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

2 gate, and-or invert

**Case Outline Source And Designator:**

T0-116 joint electron device engineering council

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-1.5 volts power source and 5.5 volts power source

**Special Features:**

Weapon system essential

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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