

View Online at <https://aerobasegroup.com/nsn/5962-01-073-8916>

**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

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Submarine surveillance systems, an/sqr-18a (v) sonar receiving set, radar set, firefinder (an/tpq-36), electronic warfare, an/wlq-4, aircraft, orion p-3, an/srn-25 (v) navigation radio set.

**Features Provided:**

Hermetically sealed and monolithic and high speed and w/complement

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

15 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 multiplier

**Case Outline Source And Designator:**

T0-116 joint electron device engineering council

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

5.5 volts power source

**Time Rating Per Characteristic:**

37.00 nanoseconds propagation delay time, low to high level output and 37.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Weapon system essential

**Terminal Type And Quantity:**

24 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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