

View Online at <https://aerobasegroup.com/nsn/5962-00-139-4874>

**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:**

81.5 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Nimitz class cvn, radar iff system an/tpx-42 (v), helicopter, advance attack, ah-1w, sturgeon class ssn (637), ticonderoga class cg (47), los angeles class ssn (688), helicopter, mh-53e, aircraft, c-2a (reprocured), forrestal class cv, spruance class dd (963) .

**Features Provided:**

Hermetically sealed and monolithic and positive outputs

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Diode-transistor logic

**Input Circuit Pattern:**

Triple 3 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

3 gate, nand

**Case Outline Source And Designator:**

T0-116 joint electron device engineering council

**Terminal Surface Treatment:**

Gold

**Voltage Rating And Type Per Characteristic:**

-1.5 volts power source and 5.5 volts power source

**Special Features:**

Weapon system essential

**Precious Material And Location:**

Terminals gold

**Precious Material:**

Gold

**Test Data Document:**

80063-sm-c-651915 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0