

View Online at <https://aerobasegroup.com/nsn/5962-00-329-4683>

**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:**

20.0 milliwatts

**Operating Temperature Range:**

+0.0/+70.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Tarawa class lha, usns stalwart class tagos, ticonderoga class cg (47), arleigh burke class ddg, spruance class dd (963), virginia class cgn (41). An/sqq-89 surface ship asw combat system. All-weather anti-ship harpoon (agm-84) missile. Phoenix air to air (aim-54) missile.

**Features Provided:**

Monolithic and positive outputs and high speed

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Dual 4 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

2 gate, nand

**Case Outline Source And Designator:**

To-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

**Time Rating Per Characteristic:**

25.00 nanoseconds propagation delay time, low to high level output and 15.00 nanoseconds propagation delay time, high to low level output

**Special Features:**

Weapon system essential

**Terminal Type And Quantity:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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