

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

Fig:

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