

View Online at <https://aerobasegroup.com/nsn/5962-01-278-3554>

Body Length:

0.840 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

0.185 inches

Maximum Power Dissipation Rating:

1.6 watts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Wsd: virginia class cgn (41); spruance class dd (963); helicopter, carrier based asw, sh-60f; ticonderoga class cg (47); sonar signal processing sys, an/sqq-2 (v); sturgeon class ssn (637); forrestal class cv; radar, matcs, an/tpn-22; sirius class t-afs 8; austin ship class lpd-4 amphibious transport docks

Features Provided:

Hermetically sealed and burn in and low power and schottky and bipolar

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

14 input

Case Outline Source And Designator:

D-2 mil-m-38510

Current Rating Per Characteristic:

30.00 milliamperes supply

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

7.0 volts power source

Time Rating Per Characteristic:

55.00 nanoseconds propagation delay time, low to high level output and 55.00 nanoseconds propagation delay time, high to low level output

Memory Device Type:

Ram

Memory Capacity:

Unknown

Test Data Document:

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

Terminal Type And Quantity:

16 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0