

View Online at <https://aerobasegroup.com/nsn/5962-01-302-0499>

Body Length:

1.490 inches

Body Width:

Between 0.500 inches and 0.610 inches

Body Height:

Between 0.172 inches and 0.217 inches

Maximum Power Dissipation Rating:

700.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Receiver set, infrared warning an/aar-44; aircraft, b-2 bomber (atb); forrestal class cv; meterological equipment; nimitz class cvn; blue ridge class lcc-19; tarawa class lha; aircraft, ac-130h, mc-130h, ec-130e, hc-130; wasp class lha; aircraft, viking s-3b; aircraft, hornet f/a-18

Features Provided:

Hermetically sealed and burn in and w/enable and w/clock and w/reset

Inclosure Material:

Ceramic

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 control

Case Outline Source And Designator:

D-10 mil-m-38510

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

7.0 volts power source

Time Rating Per Characteristic:

70.00 nanoseconds propagation delay time, low to high level output and 70.00 nanoseconds propagation delay time, high to low level output

Special Features:

Weapon system essential

Test Data Document:

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

Terminal Type And Quantity:

26 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0