

View Online at <https://aerobasegroup.com/nsn/5962-01-360-3295>

Body Length:

1.280 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

Between 0.140 inches and 0.185 inches

Maximum Power Dissipation Rating:

1.2 watts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Multiple launch rocket system (mlrs); aircraft, (ac-130h, mc-130h, ec-130ehc-130); helicopter, uh-60a/uh-60d; aircraft, starlifter c-141; aircraft, awacs, e-3a

Features Provided:

Programmable and ultraviolet erasable and bidirectional and monolithic and w/enable and w/disable and w/clock and w/reset and asynchronous

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

22 input

Criticality Code Justification:

Feat

Case Outline Source And Designator:

D-9 mil-m-38510

Current Rating Per Characteristic:

15.00 milliamperes reverse current, dc absolute

Terminal Surface Treatment:

Solder

Product Name:

And-or-logic array

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source

Capitance Rating Per Characteristic:

6.00 input picofarads and 12.00 output picofarads

Time Rating Per Chacteristic:

20.00 nanoseconds propagation delay

Memory Device Type:

Pal

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:

24 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0