

View Online at <https://aerobasegroup.com/nsn/5962-01-351-3806>

Overall Height:

0.400 inches

Body Length:

0.840 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:

500.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

Features Provided:

Hermetically sealed and burn in and monolithic and positive outputs and presettable and synchronous

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

9 input

Design Function And Quantity:

1 counter, binary

Case Outline Source And Designator:

D-2 mil-m-38510

Current Rating Per Characteristic:

12.75 milliamperes reverse current, dc absolute

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 6.0 volts power source

Capitance Rating Per Characteristic:

10.00 input picofarads and 12.00 output picofarads

Time Rating Per Characteristic:

16.50 nanoseconds delay

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