

View Online at <https://aerobasegroup.com/nsn/5962-01-427-2283>

Body Length:

Between 0.938 inches and 0.962 inches

Body Width:

Between 0.938 inches and 0.962 inches

Body Height:

Between 0.082 inches and 0.120 inches

Maximum Power Dissipation Rating:

300.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Pacer dawn

Features Provided:

Burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and monolithic and tested to mil-std-883

Inclosure Material:

Ceramic

Inclosure Configuration:

Leadless flat pack

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

42 input

Criticality Code Justification:

Cbbl

Design Function And Quantity:

1 counter

Case Outline Source And Designator:

C-7 mil-m-38510

Current Rating Per Characteristic:

20.00 milliamperes output

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, cmos, 8-input counter/interface, monolithic silicon

Voltage Rating And Type Per Characteristic:

-0.3 volts power source and 7.0 volts power source and -0.3 volts input and 0.3 volts input

Time Rating Per Characteristic:

35.00 nanoseconds propagation delay

Special Features:

This device has 68 pads: 18 inputs, 24 bi-directional inputs, 18 outputs, 4 power, 4 ground and 0 no connects; all input pins are ttl compatible

Test Data Document:

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

Terminal Type And Quantity:

68 leadless

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A458a0