

View Online at <https://aerobasegroup.com/nsn/5962-01-339-3861>

Overall Length:

1.490 inches

Overall Height:

0.432 inches

Overall Width:

0.610 inches

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:

500.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

Features Provided:

Electrostatic sensitive and hermetically sealed and burn in and positive outputs

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

11 input

Design Function And Quantity:

1 phase locked loop

Case Outline Source And Designator:

D-10 mil-m-38510

Current Rating Per Characteristic:

30.00 milliamperes supply

Terminal Surface Treatment:

Solder

Product Name:

PLL, freq. Synthesizer

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 10.0 volts power source

Capitance Rating Per Characteristic:

10.00 input picofarads

Time Rating Per Characteristic:

175.00 nanoseconds propagation delay

Test Data Document:

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

Terminal Type And Quantity:

28 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0