

View Online at <https://aerobasegroup.com/nsn/5962-01-416-0401>

Body Length:

0.460 inches

Body Width:

0.460 inches

Body Height:

Between 0.060 inches and 0.100 inches

Maximum Power Dissipation Rating:

740.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

F-16

Features Provided:

Bipolar and 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:

Bipolar metal-oxide semiconductor

Input Circuit Pattern:

12 input

Criticality Code Justification:

Cbbl

Design Function And Quantity:

8 transceiver

Case Outline Source And Designator:

C-4 mil-m-38510

Current Rating Per Characteristic:

-40.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter microamperes and 5.00 milliamperes reverse current, dc microamperes

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, cmos, octal pi-bus transciever, monolithic silicon

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and err-060

Capitance Rating Per Characteristic:

10.00 input picofarads and 15.00 output picofarads

Time Rating Per Chacteristic:

2.00 nanoseconds propagation delay and 22.00 nanoseconds propagation delay

Special Features:

Case outline source and designator is mil-std-1835 cqcc1-n28 or cqcc2-n28

Test Data Document:

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

Terminal Type And Quantity:

28 leadless

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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