

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 transceiver, 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 Characteristic:**

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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