

View Online at <https://aerobasegroup.com/nsn/5962-01-445-6152>

**Body Length:**

Between 0.442 inches and 0.460 inches

**Body Width:**

Between 0.442 inches and 0.460 inches

**Body Height:**

Between 0.060 inches and 0.100 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

**End Application:**

F-15i

**Features Provided:**

Burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and monolithic and tested to mil-std-883 and fast carry and 3-state output

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

16 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

8 transceiver and 8 register

**Case Outline Source And Designator:**

C-4 mil-m-38510

**Current Rating Per Characteristic:**

260.00 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, fast cmos octal transceiver/register, three-state outputs, ttl compatible inputs and limited output voltage swing, monolithic silicon

**Voltage Rating And Type Per Characteristic:**

-0.5 volts input and 0.5 volts input and -0.5 volts power source and 7.0 volts power source

**Capitance Rating Per Characteristic:**

10.00 input picofarads and 12.00 output picofarads

**Time Rating Per Characteristic:**

1.50 nanoseconds propagation delay and 6.00 nanoseconds propagation delay

**Special Features:**

Case outline source and designator is mil-std-1835, cqqc1-n28

**Test Data Document:**

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

**Terminal Type And Quantity:**

28 leadless

**Specification Data:**

67268-5962-92246 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A458a0