

View Online at <https://aerobasegroup.com/nsn/5962-01-374-0048>

**Body Length:**

Between 0.165 inches and 0.185 inches

**Body Outside Diameter:**

Between 0.350 inches and 0.370 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:**

Milstar

**Features Provided:**

Hermetically sealed and burn in, mil-std-883, class b and electrostatic sensitive and radiation hardened and selected item and tested to mil-std-883 and monolithic

**Inclosure Material:**

Metal

**Inclosure Configuration:**

Can

**Input Circuit Pattern:**

1 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 amplifier, sample/hold

**Case Outline Source And Designator:**

To-5 joint electron device engineering council

**Current Rating Per Characteristic:**

1.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter absolute and 6.50 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, rescreened; microcircuit, linear, sample and hold

**Voltage Rating And Type Per Characteristic:**

5.0 volts power source and 18.0 volts power source

**Special Features:**

Zesd; hci; selected item 95105/252-0185-010 (which is 27014/lf198h/883c which is 67268/5962-8760801gx which is replaced by 81349/m38510/12501bgx) has been rescreened per 95105/995-9501-020; note, voltages can be either negative or positive

**Test Data Document:**

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

**Terminal Type And Quantity:**

8 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0