

View Online at <https://aerobasegroup.com/nsn/5962-01-370-6608>

**Maximum Power Dissipation Rating:**

400.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Flight contro e/i fscm 76823

**Features Provided:**

Radiation hardened

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 comparator and 1 buffer

**Case Outline Source And Designator:**

D-2 mil-m-38510

**Current Rating Per Characteristic:**

50.00 milliamperes reverse current, dc and 10.00 milliamperes reverse current, dc preset

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, linear, voltage comparator

**Voltage Rating And Type Per Characteristic:**

30.0 volts positive power supply span and -30.0 volts negative power supply span and 36.0 volts total supply

**Special Features:**

Nuclear hardness critical item

**Test Data Document:**

81349-mil-m-38510 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). And 96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.). And 96906-mil-std-1686 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

16 printed circuit

**Specification Data:**

81349--38510/10505bea government specification

**Departure From Cited Document:**

Item may be monolithic, or it may consists of two separate, independent die

**Departure From Cited Designator:**

Altered by testing

**Shelf Life:**

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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