

View Online at <https://aerobasegroup.com/nsn/5962-01-372-6621>

**Body Length:**

Between 1.040 inches and 1.060 inches

**Body Width:**

Between 0.290 inches and 0.310 inches

**Body Height:**

Between 0.180 inches and 0.200 inches

**Maximum Power Dissipation Rating:**

700.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Milstar

**Features Provided:**

Radiation hardened and bidirectional and monolithic and electrostatic sensitive and 3-state output and synchronous

**Inclosure Material:**

Silicon

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

3 counter, up/down, binary or decade

**Case Outline Source And Designator:**

D-8 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, counter

**Voltage Rating And Type Per Characteristic:**

0.5 volts total supply and 7.0 volts total supply

**Special Features:**

Hci; esd; synchronous four-bit, selected item, rescreened per 995-9501-020, using 95105, 205-0247-010, mfg p/n5962-8754401ra, nsn 012642967

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

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

**Terminal Type And Quantity:**

20 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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