

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

Fiig:

A458a0