

View Online at <https://aerobasegroup.com/nsn/5962-01-372-4195>

Body Length:

Between 2.410 inches and 2.430 inches

Body Width:

Between 0.590 inches and 0.610 inches

Body Height:

Between 0.180 inches and 0.200 inches

Maximum Power Dissipation Rating:

1.0 watts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Milstar

Features Provided:

Electrostatic sensitive and radiation hardened and hermetically sealed and compatible cmos and burn in, mil-std-883, class b and selected item and w/enable and w/clock and bidirectional

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

40 input

Criticality Code Justification:

Feat

Design Function And Quantity:

1 microprocessor

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, microprocessor slice; microcircuit, rescreened

Voltage Rating And Type Per Characteristic:

7.0 volts power source

Time Rating Per Characteristic:

30.00 nanoseconds propagation delay time, high to low level output and 30.00 nanoseconds propagation delay time, low to high level output

Special Features:

Electrostatic discharge sens/hardness critical item; selected item made from 258-0148-010 cage 95105, rescreened from 995-9501-020 cage 95105 and is idt39c03acbrt cage 61772

Special Test Features:

Selected and tested for total dose irradiation and verified for wafer lot hardness

Test Data Document:

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

Terminal Type And Quantity:

48 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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