

View Online at <https://aerobasegroup.com/nsn/5962-01-351-5742>

Overall Length:

1.490 inches

Overall Height:

0.432 inches

Body Length:

1.490 inches

Body Width:

Between 0.500 inches and 0.610 inches

Body Height:

Between 0.172 inches and 0.217 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:

Satellite communications terminal an/usc-3 (v) 1

Features Provided:

Electrostatic sensitive and monolithic and static operation and w/disable and bidirectional and w/enable

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

26 input

Criticality Code Justification:

Feat

Case Outline Source And Designator:

D-10 mil-m-38510

Current Rating Per Characteristic:

50.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source

Time Rating Per Characteristic:

85.00 nanoseconds access

Memory Device Type:

Ram

Special Features:

Nuclear hardness critical item

Test Data Document:

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

Terminal Type And Quantity:

28 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0