

View Online at <https://aerobasegroup.com/nsn/5962-01-369-6181>

Body Length:

Between 0.520 inches and 0.540 inches

Body Width:

Between 0.280 inches and 0.300 inches

Body Height:

Between 0.080 inches and 0.100 inches

Maximum Power Dissipation Rating:

500.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Weapon system processor

Features Provided:

Electrostatic sensitive and electrostatic sensitive and fast carry and tested to mil-std-883 and monolithic

Inclosure Material:

Ceramic

Inclosure Configuration:

Flat pack

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

10 input

Criticality Code Justification:

Feat

Design Function And Quantity:

8 transceiver

Case Outline Source And Designator:

F-9 mil-m-38510

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital-advanced cmos interface logic

Voltage Rating And Type Per Characteristic:

4.5 volts total supply and 5.5 volts total supply

Special Features:

Esd; hci; item 61772/idt54fct245eb (which is 67268/5962-8762901sa) was tested and met the hci criteria; noninverting octal bus transceiver, three-state, ttl compatible

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 flat leads

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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