

View Online at <https://aerobasegroup.com/nsn/5962-01-369-9717>

Body Length:

Between 0.370 inches and 0.390 inches

Body Width:

Between 0.240 inches and 0.260 inches

Body Height:

Between 0.065 inches and 0.085 inches

Maximum Power Dissipation Rating:

72.0 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:

Burn in, mil-std-883, class b and electrostatic sensitive and monolithic and bipolar and schottky and radiation hardened and tested to mil-std-883 and fast carry

Inclosure Material:

Ceramic

Inclosure Configuration:

Flat pack

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Quad 2 input

Criticality Code Justification:

Feat

Design Function And Quantity:

4 gate, nor

Case Outline Source And Designator:

F-2 mil-m-38510

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital-fast ttl logic

Voltage Rating And Type Per Characteristic:

4.5 volts total supply and 5.5 volts total supply

Special Features:

Esd; hci; item 01295/snj54f02w (which is 81349/m38510/33301bda) was tested and met the hci criteria; quadruple, 2-input positive nor gate

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:

14 beam lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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