

View Online at <https://aerobasegroup.com/nsn/5962-01-370-1452>

Body Length:

Between 0.370 inches and 0.390 inches

Body Width:

Between 0.245 inches and 0.270 inches

Body Height:

Between 0.065 inches and 0.080 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 sys processor

Features Provided:

Monolithic and radiation hardened

Inclosure Material:

Ceramic

Inclosure Configuration:

Flat pack

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

Hex 1 input

Criticality Code Justification:

Feat

Design Function And Quantity:

6 buffer, inverting

Case Outline Source And Designator:

F-2 mil-m-38510

Product Name:

Mckt, digital-advanced cmos and advanced schottky logic

Voltage Rating And Type Per Characteristic:

3.0 volts total supply and 5.5 volts total supply

Special Features:

Esd; hci. Item should be selected not source control. Item is actually mil-spec item m38510/75701. Mckt dgtl advanced cmos, buffer gates, positive logic. Device type 01-hex inverter

Nuclear Hardness Critical Feature:

Hardened

Terminal Type And Quantity:

14 flat leads

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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