

View Online at <https://aerobasegroup.com/nsn/5962-01-286-2252>

Body Length:

0.840 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

Between 0.140 inches and 0.185 inches

Maximum Power Dissipation Rating:

200.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+175.0 degrees celsius

End Application:

Spruance class dd (963); virginia class cgn (41); aircraft, airlifter c-17a; arleigh burke class ddg' los angeles class ssn (688); ticonderoga class cg (47); nimitz class cvn; forrestal class cv; landing craft air cushion (lcac); kidd class ddg

Features Provided:

Hermetically sealed and burn in and monolithic and positive outputs

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

10 input

Criticality Code Justification:

Feat

Design Function And Quantity:

4 gate, and-or

Case Outline Source And Designator:

D-2 mil-m-38510

Terminal Surface Treatment:

Solder

Product Name:

Quad and-or-select gate

Voltage Rating And Type Per Characteristic:

-0.5 volts total supply and 18.0 volts total supply

Special Features:

Weapon system essential

Test Data Document:

81349-mil-m-38510 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

16 pin

Specification Data:

81349-mil-m-38510/53 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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