

View Online at <https://aerobasegroup.com/nsn/5962-01-171-2151>

Body Length:

0.796 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:

400.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

End Application:

Missile, tomahawk; countermeasure set, an/slq-32; missile, air-to-air, sparrow (aim-7); torpedo, mk 48; radar, series an/sps-4 (v); test station, oq-290(v)msm; missile, air-to-air, phoenix (aim-54); close in weapon system (ciws-phalanx) ; support equipment, b-1 aircraft

Features Provided:

Monolithic

Inclosure Material:

Silicon

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Quad 2 input

Criticality Code Justification:

Feat

Design Function And Quantity:

4 buffer, nand

Product Name:

Quadruple, 2-input positive nand buffer

Voltage Rating And Type Per Characteristic:

7.0 volts power source and -0.5 volts power source and 5.5 volts input and -1.5 volts input

Special Features:

Max pwr is 100 mw per buffer and weapon system essential

Test Data Document:

81349-mil-m-38510/3 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:

14 pin

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A458a0