

View Online at <https://aerobasegroup.com/nsn/5962-00-632-8273>

Body Length:

Between 0.660 inches and 0.785 inches

Body Width:

Between 0.220 inches and 0.280 inches

Body Height:

Between 0.140 inches and 0.180 inches

Maximum Power Dissipation Rating:

43.9 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Pave phased array warning sys (paws); aircraft, viking s-3b; submarine communications and antenna systems; aircraft, awacs, e-3a; oliver perry class ffg; strategic weapon systems (poseidon and trident); integrated underwater surveillance systems; aircraft, eagle f-15; aircraft, tomcat f-14; los angeles class ssn (688)

Features Provided:

Hermetically sealed and monolithic and positive outputs and low power and w/totem pole output

Inclosure Material:

Ceramic and glass

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Dual 2 wide 2-3 input

Criticality Code Justification:

Feat

Design Function And Quantity:

2 gate, and-or invert

Case Outline Source And Designator:

T0-116 joint electron device engineering council

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-1.5 volts power source and 5.5 volts power source

Special Features:

Weapon system essential

Test Data Document:

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

Terminal Type And Quantity:

14 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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