

View Online at <https://aerobasegroup.com/nsn/5962-00-584-3996>

Body Length:

0.896 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

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Engine, aircraft ff33-pw-102 (c-135e, ec-135h/k/p); countermeasure set an/slq-32; trainer, b-1b aircraft; test station, oq-29 (v)mssm; missile, tomahawk; support equipment, b-1 aircraft; support equipment, b-52 aircraft; missile, air-to-air, phoenix (aim-54); aircraft, (ac-130h, mc-130h, ec-130e, h

Inclosure Material:

Ceramic and glass

Inclosure Configuration:

Dual-in-line

Input Circuit Pattern:

Dual 5 input

Criticality Code Justification:

Feat

Design Function And Quantity:

2 receiver, line differential

Case Outline Source And Designator:

D-2 mil-m-38510

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-20.0 volts power source and 20.0 volts power source

Time Rating Per Characteristic:

75.00 nanoseconds propagation delay time, low to high level output and 75.00 nanoseconds propagation delay time, high to low level output

Special Features:

Weapon system essential; design analysis

Nuclear Hardness Critical Feature:

Hardened

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 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0