

View Online at <https://aerobasegroup.com/nsn/5962-01-041-3214>

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:

55.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Radar set type an/tpn-30

Features Provided:

Hermetically sealed and monolithic and positive outputs and low power and schottky and high speed

Inclosure Material:

Ceramic and glass

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Quad 2 input

Design Function And Quantity:

4 gate, exclusive or

Case Outline Source And Designator:

D-1 mil-m-38510

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

5.5 volts power source

Special Features:

Nuclear hardness critical item; no drawing to determine if isc code 1 item should also be nuclear hardness. Can't change criticality code to reflect nuclear hardness

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:

14 printed circuit

Specification Data:

81349-mil-m-38510/305 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A458a0

Mil-std (military Standard):

Mil-m-38510 spec.