

View Online at <https://aerobasegroup.com/nsn/5962-01-352-1874>

Overall Length:

1.490 inches

Overall Height:

0.432 inches

Body Length:

1.490 inches

Body Width:

Between 0.500 inches and 0.610 inches

Body Height:

Between 0.172 inches and 0.217 inches

Maximum Power Dissipation Rating:

1.0 watts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

An/avr-2 laser detecting set; aircraft, hercules c-130; nuclear power plants; aircraft, (ac-130h, mc-130h, ec-130e, hc-130); aircraft, starlifter c

Features Provided:

Asynchronous and w/clock and monolithic

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

20 input

Design Function And Quantity:

2 receiver and 2 transmitter

Case Outline Source And Designator:

D-10 mil-m-38510

Current Rating Per Characteristic:

15.00 milliamperes reverse current, dc absolute

Terminal Surface Treatment:

Solder

Product Name:

Microcircuits, digital, cmos, dual asynchronous receiver/transmitter, monolithic silicon

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 5.0 volts power source

Capitance Rating Per Characteristic:

20.00 input picofarads

Test Data Document:

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

Terminal Type And Quantity:

28 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0