View Online at https://aerobasegroup.com/nsn/5962-01-344-4714

Overall Length:

1.060 inches

Overall Height:

0.400 inches

Body Length:

1.060 inches

Body Width:

Between 0.220 inches and 0.310 inches

Body Height:

Between 0.130 inches and 0.185 inches

Maximum Power Dissipation Rating:

300.0 milliwatts

Operating Tempurature Range:

-55.0/+125.0 degrees celsius

Storage Tempurature Range:

-65.0/+150.0 degrees celsius

Features Provided:

3-state output and monolithic and w/enable

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

10 input

Design Function And Quantity:

8 transceiver

Case Outline Source And Designator:

D-8 mil-m-38510

Current Rating Per Characteristic:

100.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

Terminal Surface Treatment:

Solder

Product Name:

Octal bidirectional transceiver

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source

Capitance Rating Per Characteristic:

15.00 input pascal dense structural 65 and 15.00 output pascal dense structural 65

Time Rating Per Chacteristic:

11.50 nanoseconds propagation delay time, high to low level output and 11.50 nanoseconds propagation delay time, low to high level
output

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:

20 printed circuit

Specification Data:

81349-mil-m-38510/755 government specification

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A458a0