

View Online at <https://aerobasegroup.com/nsn/5962-01-513-0048>

Overall Height:

1.2 millimeters

Body Length:

6.6 millimeters

Body Width:

4.5 millimeters

Operating Temperature Range:

-40.0/+85.0 degrees celsius

End Application:

Arc 169 solid

Features Provided:

Electrostatic sensitive and 3-state output and w/enable

Inclosure Material:

Plastic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Dual 5 input

Criticality Code Justification:

Cbbl

Design Function And Quantity:

2 buffer

Case Outline Source And Designator:

Mo-153 joint electron device engineering council

Product Name:

Octal buffer/driver with 3-state output

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source and -0.5 volts input and 7.0 volts input

Capitance Rating Per Characteristic:

3.50 input picofarads and 7.50 output picofarads

Time Rating Per Chacteristic:

2.60 nanoseconds agc threshold blank and 2.90 nanoseconds agc threshold of standard range

Special Features:

Unused inputs must be held high or low to prevent them from floating; voltages cited are absolute s allowed; organized as dual 4-bit buffers/drivers with separate output enable inputs; when output enable input is at high logic state the outputs are at high impedance

Terminal Type And Quantity:

20 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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