

View Online at <https://aerobasegroup.com/nsn/5962-01-080-3295>

Body Length:

Between 0.660 inches and 0.785 inches

Body Width:

Between 0.220 inches and 0.280 inches

Body Height:

Between 0.145 inches and 0.185 inches

Maximum Power Dissipation Rating:

300.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Wsd: Im2500 machinery control systems; spruance class dd (963); kidd class ddg

Features Provided:

Hermetically sealed and monolithic and positive outputs and electrostatic sensitive

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Dual 4 input

Design Function And Quantity:

2 expander

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit dual four-input expander

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source and -0.5 volts input line and 5.5 volts input line

Time Rating Per Characteristic:

30.00 nanoseconds propagation delay time, low to high level output and 20.00 nanoseconds propagation delay time, high to low level output

Test Data Document:

06481-971055 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

14 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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