

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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