

View Online at <https://aerobasegroup.com/nsn/5962-00-022-3424>

**Body Outside Diameter:**

Between 0.335 inches and 0.370 inches

**Body Height:**

Between 0.165 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

100.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Hermetically sealed and monolithic and positive outputs and low power and medium speed and expandable

**Inclosure Material:**

Glass and metal

**Inclosure Configuration:**

Can

**Output Logic Form:**

Diode-transistor logic

**Input Circuit Pattern:**

Dual 3 input

**Design Function And Quantity:**

2 gate, nand-nor and 2 gate, power

**Case Outline Source And Designator:**

T0-100 joint electron device engineering council

**Terminal Surface Treatment:**

Gold

**Voltage Rating And Type Per Characteristic:**

-1.5 volts power source and 5.5 volts power source

**Time Rating Per Characteristic:**

50.00 nanoseconds propagation delay time, low to high level output and 35.00 nanoseconds propagation delay time, high to low level output

**Precious Material And Location:**

Terminals gold

**Precious Material:**

Gold

**Test Data Document:**

10241-ic20a 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:**

10 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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