

View Online at <https://aerobasegroup.com/nsn/5962-01-375-7347>

**Body Length:**

Between 2.480 inches and 2.500 inches

**Body Width:**

Between 0.580 inches and 0.600 inches

**Body Height:**

Between 0.180 inches and 0.200 inches

**Maximum Power Dissipation Rating:**

53.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Milstar

**Features Provided:**

Burn in, mil-std-883, class b and hermetically sealed and electrostatic sensitive and radiation hardened and selected item and tested to mil-std-883

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 encoder and 1 decoder

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital-manchester ii, encoder/decoder

**Voltage Rating And Type Per Characteristic:**

7.0 volts total supply

**Time Rating Per Characteristic:**

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

**Special Features:**

Electrostatic discharge sens/hardness critical item; selected item; selected from p/n mt32028d, cage 49956; nha p/n g285181-1, cage 49956

**Special Test Features:**

Tested for radiation hardness

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

48 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0