

View Online at <https://aerobasegroup.com/nsn/5962-01-374-6554>

**Body Length:**

Between 0.765 inches and 0.785 inches

**Body Width:**

Between 0.290 inches and 0.310 inches

**Body Height:**

Between 0.180 inches and 0.200 inches

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Lgm030g minute man missile sys

**Features Provided:**

Electrostatic sensitive and radiation hardened and low power and selected item and schottky and burn in, mil-std-883, class b and monolithic

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Hex 1 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

6 receiver, asynchronous and 1 inverter

**Case Outline Source And Designator:**

D-1 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, low power schottky ttl, schmitt-trigger hex inverter

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Special Features:**

Electrostatic discharge sens/hardness critical item; selected item, selected from p/n m38510/31302bcx, may replace icbm p/n 280-22067-112; used on p/n ws-133

**Nuclear Hardness Critical Feature:**

Hardened

**Special Test Features:**

Selected and 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:**

14 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0