

View Online at <https://aerobasegroup.com/nsn/5962-01-512-3803>

**Body Length:**

0.344 inches

**Body Width:**

Between 0.150 inches and 0.157 inches

**Body Height:**

Between 0.043 inches and 0.065 inches

**Operating Temperature Range:**

-40.0/+85.0 degrees celsius

**End Application:**

An/arc-169 solid, e-3 acft

**Features Provided:**

Electrostatic sensitive and w/schmitt trigger and low noise

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

Hex 1 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

6 gate, inverting

**Case Outline Source And Designator:**

Ms-120 joint electron device engineering council

**Current Rating Per Characteristic:**

-50.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter and 50.00 milliamperes reverse current, dc

**Product Name:**

Hex inverter with schmitt trigger input

**Voltage Rating And Type Per Characteristic:**

50.0 volts input/output differential and -0.5 volts input and -0.5 volts output

**Capitance Rating Per Characteristic:**

4.50 input picofarads

**Time Rating Per Characteristic:**

3.00 nanoseconds propagation delay and 11.00 nanoseconds propagation delay

**Special Features:**

Quiet output switching; jitter free output gates from slowly changing input levels; actual inclosure configuration is soic and not a dip per jedec definitions.

**Terminal Type And Quantity:**

14 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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