

View Online at <https://aerobasegroup.com/nsn/5962-01-520-3147>

**Body Length:**

Between 13.5 millimeters and 14.5 millimeters

**Body Width:**

Between 13.5 millimeters and 14.5 millimeters

**Body Height:**

Between 1.1 millimeters and 1.2 millimeters

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Electrostatic sensitive

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Leaded chip carrier

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Criticality Code Justification:**

Cbbl

**Product Name:**

Microcircuit memory, programable logic device

**Voltage Rating And Type Per Characteristic:**

-2.0 volts power source and 7.0 volts power source

**Capitance Rating Per Characteristic:**

10.00 input picofarads and 10.00 output picofarads

**Time Rating Per Characteristic:**

7.50 nanoseconds propagation delay

**Memory Device Type:**

Eeprom

**Memory Capacity:**

2500gates

**Special Test Features:**

Upscreening testing consisting of extended temperature range testing

**Test Data Document:**

89954-356a1407 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:**

100 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0