

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