

View Online at <https://aerobasegroup.com/nsn/5962-01-518-3613>

Body Length:

Between 27.9 millimeters and 28.1 millimeters

Body Width:

Between 27.9 millimeters and 28.1 millimeters

Body Height:

Between 3.2 millimeters and 3.6 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 and electrically alterable

Inclosure Material:

Plastic

Inclosure Configuration:

Leaded chip carrier

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Criticality Code Justification:

Cbbl

Product Name:

Microcircuit, programmable logic device, maximum 7000 series, plastic encapsulated (surface mount)

Voltage Rating And Type Per Characteristic:

4.5 volts power source and 5.2 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:

Pal

Special Features:

5000 gates, eeprom-based

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:

208 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A458a0