

View Online at <https://aerobasegroup.com/nsn/5962-01-518-8393>

Body Length:

10.0 millimeters

Body Width:

10.0 millimeters

Body Height:

1.0 millimeters

Operating Temperature Range:

-55.0/+125.0 degrees celsius

End Application:

C-17a aircraft alarm-monitor group

Features Provided:

Electrostatic sensitive and programmable and low power

Inclosure Material:

Plastic

Inclosure Configuration:

Flat pack

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Criticality Code Justification:

Cbbl

Design Function And Quantity:

1 array, diode

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, plastic encapsulated (surface mount)procurement and selection reuquirement (for cpld)

Voltage Rating And Type Per Characteristic:

3.3 volts power source

Special Features:

Macrocell cpld w/ 1500 usable gates in four function blocks and 36 input/output pins

Special Test Features:

100% upscreened per para.3.1.1 of dwg 89954-356a1407 by an approved testfacility for operation through temperatures of -ffc to +125c.

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:

44 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A458a0