

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