

View Online at <https://aerobasegroup.com/nsn/5962-01-520-5166>

**Body Length:**

0.413 inches

**Body Width:**

0.299 inches

**Body Height:**

0.095 inches

**Operating Temperature Range:**

-40.0/+85.0 degrees celsius

**End Application:**

C-17a

**Features Provided:**

Electrostatic sensitive and low noise

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

2 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 filter, low pass

**Case Outline Source And Designator:**

Ms013aa joint electron device engineering council

**Product Name:**

Microcircuit, plastic encapsulate (surface mount) procurement and selection requirements (for low pass filter)

**Voltage Rating And Type Per Characteristic:**

12.0 volts total supply and 4.0 volts input logic 1 and 1.0 volts input logic 0

**Special Features:**

8th order, lowpass, switched capacitor filter, clock-tunable corner frequency range 0.1hz to 25khz, butterworth filter, 50: 1 clock to corner freq ratio

**Special Test Features:**

Max295ewe is upscreened per para 3.1.1 of dwg 89954-356a1407 by approved test facility for operation in temperatures of -55c 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:**

16 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0