

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