

View Online at <https://aerobasegroup.com/nsn/5962-01-518-3733>

**Body Length:**

Between 0.189 inches and 0.197 inches

**Body Width:**

Between 0.150 inches and 0.157 inches

**Body Height:**

0.054 inches

**Operating Temperature Range:**

-40.0/+85.0 degrees celsius

**Storage Temperature Range:**

-65.0/+125.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Low noise and electrostatic sensitive and high stability and selected item

**Inclosure Configuration:**

Dual-in-line

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 reference, voltage, analog

**Case Outline Source And Designator:**

Ms012-8a joint electron device engineering council

**Current Rating Per Characteristic:**

3.00 milliamperes reverse current, dc absolute

**Product Name:**

Microcircuit, plastic encapsulated (surface mount) - procurement and selection requirements (for voltage ref)

**Voltage Rating And Type Per Characteristic:**

-0.3 volts absolute input and 40.0 volts absolute input and 2.5 volts output and 8.0 volts input and 36.0 volts input

**Time Rating Per Characteristic:**

5.00 microseconds settling

**Special Features:**

1 ppm/degree c, low noise, +2.5 v voltage reference w/ externaltrim input that allows pom 1 percent output voltage adjustment.

**Special Test Features:**

Cmaxim p/n max6325esa is upscreensed per para.3.1.1 of dwg 89954/356a1407 by approved test facility, pikes peak test labs, inc, colorado springs, co for operation in temperatures of -55c to +125c.

**Test Data Document:**

89959-356a1407 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:**

8 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A458a0