

View Online at <https://aerobasegroup.com/nsn/5962-01-518-6311>

**Body Length:**

Between 0.110 inches and 0.120 inches

**Body Width:**

Between 0.047 inches and 0.055 inches

**Body Height:**

0.037 inches

**Maximum Power Dissipation Rating:**

280.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Electrostatic sensitive and low power and high precision

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Flat pack

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 reference, voltage, analog

**Current Rating Per Characteristic:**

10.00 milliamperes average forward current averaged over a full 60-hz cycle of standard range

**Product Name:**

Microcircuit, plastic encapsulated, precision micropower shunt voltage reference

**Voltage Rating And Type Per Characteristic:**

5.0 volts reference

**Special Features:**

Reverse current 74ua to 15ma

**Special Test Features:**

Upscreening testing consisting of extended temperature range testing

**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:**

3 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0