

View Online at <https://aerobasegroup.com/nsn/5962-01-527-0409>

**Body Length:**

Between 0.697 inches and 0.713 inches

**Body Width:**

Between 0.291 inches and 0.299 inches

**Body Height:**

Between 0.075 inches and 0.100 inches

**Maximum Power Dissipation Rating:**

575.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Electrostatic sensitive

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Dual-in-line

**Design Function And Quantity:**

1 converter, analog to digital

**Current Rating Per Characteristic:**

14.00 milliamperes reverse current, dc absolute

**Product Name:**

Mircocircuit, linear, 12-bit 100ksps a/d converter, plastic encapsulated surface mount

**Voltage Rating And Type Per Characteristic:**

11.4 volts power source and 16.5 volts power source

**Special Test Features:**

Upscreening testing consisting of extended temperature range testing of pem from -55 to 125 degrees celsius

**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:**

28 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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