

View Online at <https://aerobasegroup.com/nsn/5962-01-518-9726>

**Body Length:**

2.900 millimeters

**Body Width:**

Between 1.500 millimeters and 1.750 millimeters

**Body Height:**

Between 0.800 millimeters and 0.900 millimeters

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Electrostatic sensitive and selected item

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

2 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 oscillator, voltage controlled

**Case Outline Source And Designator:**

Tsot-23 joint electron device engineering council

**Product Name:**

Microcircuit, plastic encapsulated (surface mount) - procurement and selection requirements (for oscillator).

**Voltage Rating And Type Per Characteristic:**

2.7 volts power source and 5.5 volts power source

**Special Features:**

Low power, 1khz to 20mhz, resistor set oscillator, square wave output, pom2.5 percent freq accuracy from 5khz to 10mhz

**Special Test Features:**

Bilinear technology part ltc6900is5 100 percent upscreened per para 3.1.1 of test data document by approved test facility pikes peak test labs, inc. 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:**

5 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0