

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