

View Online at <https://aerobasegroup.com/nsn/5962-01-527-6871>

Overall Height:

1.7 millimeters

Body Outside Diameter:

14.0 millimeters

Body Width:

14.0 millimeters

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Avionics, c-17a aircraft

Features Provided:

Electrostatic sensitive

Inclosure Material:

Plastic

Inclosure Configuration:

Leaded chip carrier

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Design Function And Quantity:

1 microprocessor

Current Rating Per Characteristic:

100.00 milliamperes reverse current, dc absolute

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, 16 bit processor (complex) plastic encapsulated surface mount

Voltage Rating And Type Per Characteristic:

4.5 volts power source and 5.5 volts power source

Capitance Rating Per Characteristic:

15.00 input picofarads and 15.00 output picofarads

Special Test Features:

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

Test Data Document:

89954-356a1409 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) and 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:

100 gullwing

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fig:

A458a0