

View Online at <https://aerobasegroup.com/nsn/5962-01-520-8740>

Body Length:

10.49 millimeters

Body Width:

7.62 millimeters

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

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

Quad 3 input and 2 input

Criticality Code Justification:

Cbbl

Design Function And Quantity:

4 receiver, line differential

Case Outline Source And Designator:

Ms-012-ac joint electron device engineering council

Product Name:

Microcircuit, plastic encapsulated (surface mount) procurement and selection requirements (for quad diff receiver)

Voltage Rating And Type Per Characteristic:

5.0 volts power source and 0.5 volts output logic low and 2.4 volts output logic high

Special Features:

Quad differential receiver w/ common enable/disable control

Special Test Features:

Brf1a16nb is 100 percent upscreened per para 3.1.1 of dwg 89954-s56a1407 by approved test facility for operation through temps 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:

16 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0