

View Online at <https://aerobasegroup.com/nsn/5962-01-520-5507>

Body Length:

10.11 millimeters

Body Width:

4.01 millimeters

Operating Temperature Range:

-55.0/+125.0 degrees celsius

End Application:

C-17a

Features Provided:

Electrostatic sensitive and w/disable and w/enable and 3-state output

Inclosure Material:

Plastic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Emitter-coupled logic

Input Circuit Pattern:

Quad 3 input and 2 input

Criticality Code Justification:

Cbbl

Design Function And Quantity:

4 amplifier, differential

Case Outline Source And Designator:

Ms-012ac joint electron device engineering council

Voltage Rating And Type Per Characteristic:

6.5 volts power source

Time Rating Per Characteristic:

2.00 nanoseconds propagation delay

Special Features:

Quad differential output driver with psuedo-ecl output logic level and with common enable/disable control

Special Test Features:

Bdg1a16nb is 100 percent upscreensed per para 3.1.1 of 89954-356a1407 to operate 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:

16 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A458a0