

View Online at <https://aerobasegroup.com/nsn/5962-01-521-6293>

Body Length:

Between 0.500 inches and 0.510 inches

Body Width:

Between 0.291 inches and 0.299 inches

Body Height:

0.104 inches

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

C-17a aircraft

Features Provided:

Electrostatic sensitive

Inclosure Material:

Plastic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Criticality Code Justification:

Cbbl

Design Function And Quantity:

1 buffer

Current Rating Per Characteristic:

-50.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable and 50.00 milliamperes average forward current averaged over a full 60-hz cycle not applicable

Product Name:

Microcircuit, digital, plastic encapsulated, octal buffers/drivers with 3-stage outputs

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source

Special Test Features:

Upscreening testing consisting of extended temperature range testing

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:

20 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A458a0