

View Online at <https://aerobasegroup.com/nsn/5962-01-518-3612>

Body Length:

Between 0.337 inches and 0.344 inches

Body Width:

Between 0.150 inches and 0.157 inches

Body Height:

0.065 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 and w/schmitt trigger

Inclosure Material:

Plastic

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Input Circuit Pattern:

6 input

Criticality Code Justification:

Cbbl

Design Function And Quantity:

6 inverter and 6 trigger, interface

Current Rating Per Characteristic:

20.00 milliamperes reverse current, dc microamperes

Product Name:

Microcircuit, digital, hex inverter with schmitt trigger, plastic encapsulated, (surface mount)

Voltage Rating And Type Per Characteristic:

0.5 volts power source and 7.0 volts power source

Time Rating Per Characteristic:

12.50 nanoseconds propagation delay time, low to high level output

Special Features:

Ttl compatible inputs

Special Test Features:

Upscreening requirements per drawing 356a1407

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:

14 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0