

View Online at <https://aerobasegroup.com/nsn/5962-01-155-1509>

Body Length:

0.440 inches

Body Width:

0.285 inches

Body Height:

0.085 inches

Maximum Power Dissipation Rating:

460.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Aircraft, b-1b, f-16

Features Provided:

Hermetically sealed and monolithic and w/reset and w/clock

Inclosure Material:

Ceramic and glass

Inclosure Configuration:

Flat pack

Output Logic Form:

Emitter-coupled logic

Input Circuit Pattern:

8 input

Criticality Code Justification:

Feat

Design Function And Quantity:

6 flip-flop, d-type, master slave

Case Outline Source And Designator:

F-5 mil-m-38510

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-8.0 volts power source

Time Rating Per Characteristic:

5.30 nanoseconds propagation delay time, low to high level output and 5.30 nanoseconds propagation delay time, high to low level output

Special Features:

Weapon system essential

Test Data Document:

97942-583r414 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 flat leads

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A458a0