

View Online at <https://aerobasegroup.com/nsn/5962-01-216-8923>

Body Length:

2.096 inches

Body Width:

Between 0.590 inches and 0.620 inches

Body Height:

0.210 inches

Maximum Power Dissipation Rating:

1.9 watts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Wsd: austin ship class lpd-4 amphibious transport docks; torpedo, adcap 48; radar set, lightweight 3d (an/tps-59); tactical data system, an/uva- (v); close in weapon system (ciws-phalanx); computer, an/uyk-43(v); communications systems, an/wrr-7; support equipment, b-1 aircraft; tactical air ops module (an/tyq-(23); over the horizon back scanner (oth-b) program (an/fps-118)

Features Provided:

Monolithic and bipolar and high speed and w/enable

Inclosure Material:

Ceramic and glass

Inclosure Configuration:

Dual-in-line

Output Logic Form:

Transistor-transistor logic

Input Circuit Pattern:

23 input

Design Function And Quantity:

1 control

Case Outline Source And Designator:

D-5 mil-m-38510

Terminal Surface Treatment:

Solder

Voltage Rating And Type Per Characteristic:

-0.5 volts power source and 7.0 volts power source

Special Features:

Nuclear hardness critical items

Nuclear Hardness Critical Feature:

Hardened

Test Data Document:

96906-mil-std-883 standard (includes industry or association standards, individual manufacturer standards, etc.).

Terminal Type And Quantity:

40 printed circuit

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A458a0