

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