

View Online at <https://aerobasegroup.com/nsn/5962-01-108-4757>

**Body Length:**

1.060 inches

**Body Width:**

Between 0.220 inches and 0.310 inches

**Body Height:**

Between 0.140 inches and 0.185 inches

**Maximum Power Dissipation Rating:**

292.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Wsd: aircraft, ac-130h, mc-130h, ec-130e, hc-130; digital group multiplexer, an/trc-138, -173, -174, -175; support equipment, b-52 aircraft; tactical air opns module (an/tyq (23); aircraft, c-2a (reprocured); close in weapon system (ciws-phalanx); radar, series an/sps-49(v); tactical data system, an/uva-4(v); support equipment, b-1 aircraft; torpedo systems, mk 50; satellite com. Terminal

**Features Provided:**

Hermetically sealed and monolithic and low power and w/enable and w/clear

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

16 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 shift register, universal

**Case Outline Source And Designator:**

D-8 mil-m-38510

**Current Rating Per Characteristic:**

60.00 milliamperes supply

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

5.5 volts power source

**Special Features:**

Weapon system essential

**Test Data Document:**

14933-78024 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 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0