

View Online at <https://aerobasegroup.com/nsn/5962-01-519-0120>

**Body Length:**

10.500 millimeters

**Body Width:**

7.600 millimeters

**Body Height:**

2.550 millimeters

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Electrostatic sensitive and selected item and laser trimmed

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

10 input and 1 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 converter, digital to analog

**Product Name:**

Microcircuit, plastic encapsulate (surface mount), procurement and selection, (for d/a converter)

**Voltage Rating And Type Per Characteristic:**

5.0 volts power source and 15.0 volts power source

**Special Features:**

Cmos 10 bit multiplying d/a converter w/ .05 percent error and w/ 10 bit resolution and one ref voltage input.

**Special Test Features:**

Maxim p/n mx7520lcwe is 100 percent upscreened per para 3.1.1 of the test data document by approved test facility, pikes peak test labs, inc. For operation in temperatures of -55c to +125c.

**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:**

16 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0